

A complete set of current "Selectric" Typewriter CEMs consists of "Selectric" Combined Service Information booklet, CEMs starting on page 1, and the Technical Information Index.

416 SERVICE INFORMATION

2-27-80

(Revised) 9-24-80

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

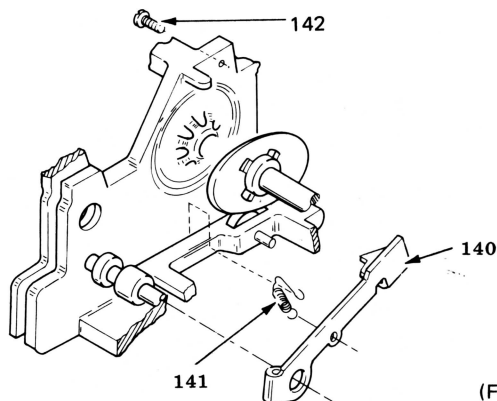
SUBJECT: CHECK PAWL, SPRING, STUD AND TAB KEYLEVER — REDESIGNED

MACHINES AFFECTED:

Above S/N: Type 6126 (Model 8X3) — 5170000; (Model 8X5) — 6550000; Type 6121 (Model 721) — 0860000; and all Selectric III.

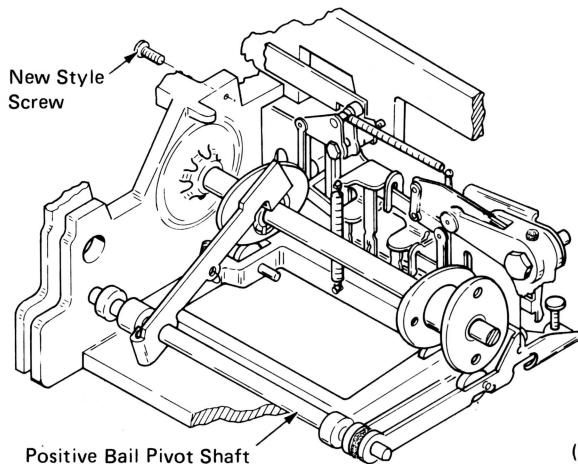
PURPOSE:

The cycle clutch check pawl, stud and spring has been designed to improve cycle shaft cam stop location (Figure 1).



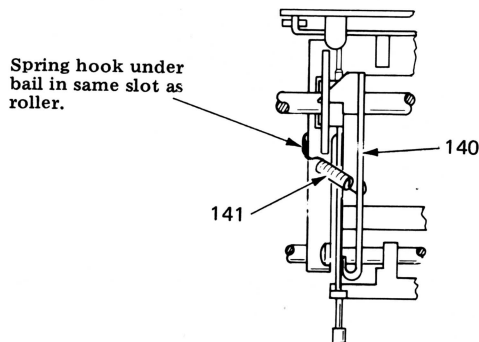
(Figure 1)

The new pawl (23-140) is now mounted on the positive bail pivot shaft (23-118). The screw (23-142) replaces the studs (23-417, 423). The studs (23-417, 423) will remain available for replacement on old level machines (Figure 2).



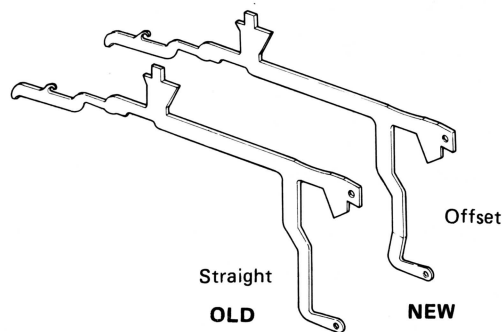
(Figure 2)

The pawl is spring loaded to the left by spring (23-141), and is connected to the positive bail as shown in Figure 3.



(Figure 3)

The tab keylever (18-28, 19-43) has been redesigned (Figure 4), to ensure there is no interference between the check pawl (23-140) and tab keylever. The new redesigned tab keylever will work on all level machines. The old level keylever will be obsolete. Scrap all old level keylevers and reorder new style.



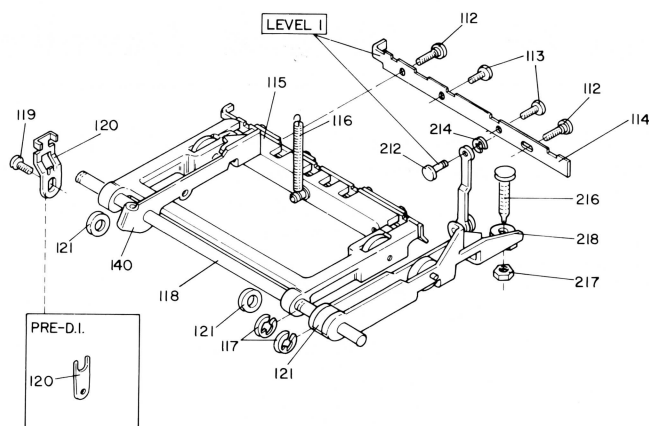
(Figure 4)

Removal Procedure For Check Pawl:

1. Remove the retainer screw (23-119) and retainer plate (23-120).
2. Remove the two "C"-clips (23-117) that retain the -5 latch bail (23-218).
3. Move the positive bail shaft (23-118) to the left far enough to remove the check pawl (23-140).

Note: When replacing the shaft: (1) Ensure the felt pad (23-121) is between the two lugs of the -5 latch bail (23-218), (2) Make sure the notch on the right end of the shaft fits into the "D" shape window of the cycle clutch latch plate (21-218).

(Continued)



MECH/REF	PART NO.	DESCRIPTION	QTY.
18 28	1256683	Tab Keylever	1
19 43	1256683	Tab Keylever	1
23 140	1256655	Check Pawl	1
141	1256658	Spring	1
142	1256659	Screw	1

PARTS INFORMATION:

Old style check pawls, springs and studs will remain available for replacement in existing machines.

Use Applicable Service Code.

417 SERVICE INFORMATION 3-12-80

Type(s): 6121, 6126

SUBJECT: COVER HINGE — B/M

OBSOLETE

422 SERVICE INFORMATION 5-7-80 (Revised) 12-17-80

Type(s): 6701, 6702, 6703, 6704, 6705

SUBJECT: ANNOUNCEMENT — IBM "SELECTRIC" III TYPEWRITER

All detailed service information is contained in the "Selectric" III Typewriter Service Manual Supplement. The following is a list of the design modifications and features of the "Selectric" III Typewriter:

- Multiple copy control lever removed.
- New platen knobs.
- New margin set levers and indicators.
- See-through margin scale for single pitch models.
- Lighted margin scale for dual pitch models.
- Combination page-end indicator and paper support.
- 54-tooth ratchet standard on all models.
- New design for optional soundhood.
- External paper bail control lever.
- Keyboard arrangements for 92, 94 or 96 characters (92-character standard) — no field conversions.
- 96-character typehead (compatible with IBM Electronic Typewriters).

12. New style keybutons (similar to IBM Electronic Typewriters).

13. New cover design.

The machine identification number, on the left side of the power frame, has 13 digits. The numbers are used to provide the following information:

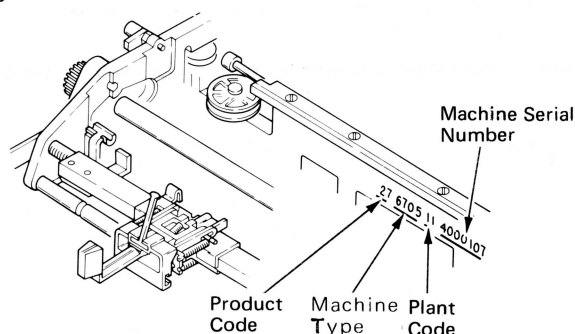


Figure 1

MODEL	MACHINE TYPE
13" Single Pitch Fabric	6701
13" Single Pitch Non-Correcting	6702
15" Single Pitch Correcting	6703
13" Dual Pitch Correcting	6704
15" Dual Pitch Correcting	6705

RECOMMENDED PARTS INVENTORY (RPI)

MECH/REF	PART NO.	DESCRIPTION	QTY.
02 333	1303501	Tilt Ring Asm.	1
415	1254802	Socket, Lower Ball	1
05 141	1254495	Brkt. Erase Table	1
10 100	1254997	Margin Pointer	2
107	1304140	Carrier Pointer D.P.	1
107	1254690	Carrier Pointer S.P.	1
119	1303102	Lamp	1
11 602	1249875	Connector	1
30 141	1254900	Brkt. Erase Table, L. (S.R.)	1
166	1254899	Brkt. Erase Table, R. (S.R.)	1

The "Selectric" Adjustment Parts Manual (F/N 241-5939) should be used with the "Selectric" Service Manual Supplement (F/N 241-6176) to service the "Selectric" III Typewriter.

Call reporting information for the "Selectric" III is the same as for "Selectric" and "Selectric" II Typewriters. This information is found in the CEARS Handbook (F/N Z241-6286).

Use Applicable Service Code.

425 SERVICE INFORMATION 6-18-80

Type(s): 6121, 6126

SUBJECT: APM CORRECTION — ESCAPEMENT TORQUE BAR RETAINER CLIP

OBSOLETE

426
SERVICE INFORMATION

6-18-80

(Revised) 12-17-80

Type(s): 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: BACKSPACE DRIVER MOUNTING STUD -B/M

Backspace failures due to a broken driver mounting stud may be corrected using the backspace driver mounting stud B/M.

INSTALLATION PROCEDURE

1. Remove driver mounting stud from backplate by tapping lightly.
2. Remove the "C" clip, washer, driver, pitch cam (disconnect pitch cable), and pitch cam spring from the stud.
3. Insert the new stud (24-155) in the pitch cam spring, pitch cam (connect pitch cable) and driver.
4. Install washer and "C" clip on the front of the stud.
5. Install stud through the hole in the backplate and secure with washer and nut (Figure 1).

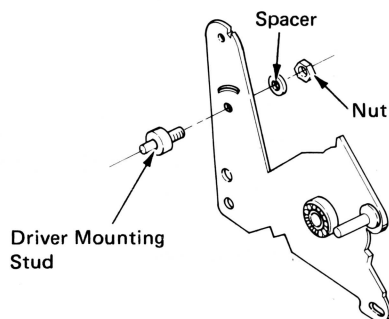


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
24	154 1279024	Stud B/M (Contains Ref. 155, 156 And 157)	1
	155 1279023	Stud	1
	156 1142264	Nut	1
	157 257984	Washer	1

Use Applicable Service Code.

427
SERVICE INFORMATION

6-18-80

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

(Revised) 11-16-83

SUBJECT: STROKE COUNTER - REDESIGNED

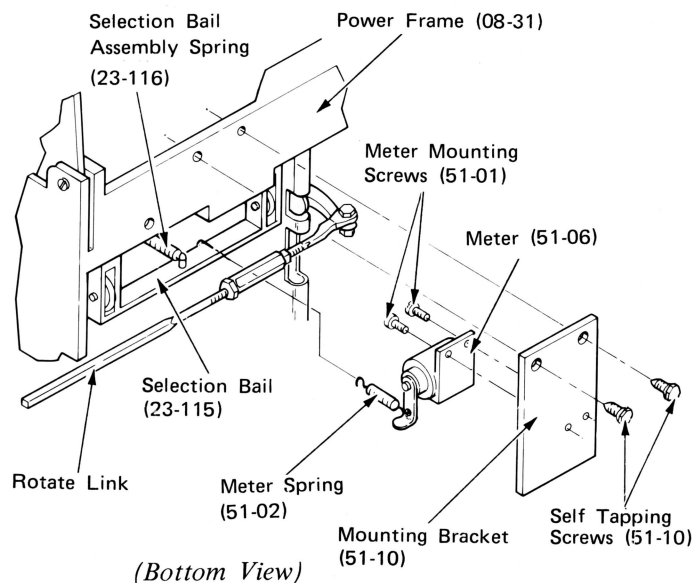
The "Selectric" stroke counter has been redesigned to mount on the bottom of the power frame as illustrated in Figure 1. A new field installable B/M (51-9) is available which contains the hardware and counter. The only ratio available for new installations is 120:1.

A limited number of 10:1 ratio counters [(51-6) P/N 1266728] remain available for replacement purposes on the previous level side mount B/M. These counters will be used until

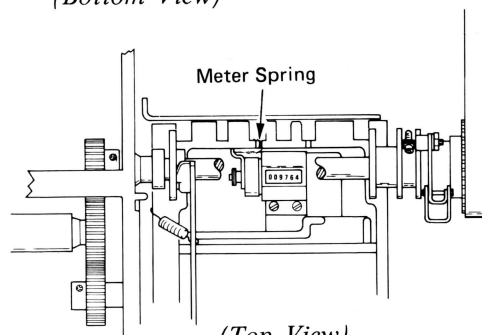
depleted. The 100:1 and 240:1 ratio counter for the previous level side mount will no longer be available. If replacement of an unavailable counter is required the 120:1 ratio B/M must be installed.

ADJUSTMENTS:

Adjust the bracket or the counter front to rear so that the arm gets enough motion from the positive bail to advance the counter.



(Bottom View)



(Top View)

Figure 1

MECH/REF.	PART NO.	DESCRIPTION	QTY.
51	6 1256689	Counter 120-1 (Bottom Mount)	
	4 1256688	Bracket, New Style Mtg. All SE	
10	1138974	Screw, Self Tap	
2	1133664	Spring, New Style Mtg.	
8	1256691	Dust Shield 7 x 1 New Style Mtg.	
	1256690	Dust Shield 8XX, 670X New Style Mtg.	
9	1279037	B/M 721, Incl. Counter	
	1279036	B/M 8XX, 670X, Incl. Counter	

Estimated Install Time: .4 Hr.

Use Applicable Service Code

431 SERVICE INFORMATION 7-2-80

Type(s): 6121, 6126, 6701, 6702, 6703, 6704, 6705

SUBJECT: MULTIPLYING LEVER MOUNTING STUD B/M

The multiplying lever is not included in B/M 25-324. This lever can be ordered under 25-250. Mark this reference number in your APM (25-250) and add the reference number and P/N to your PN/PL.

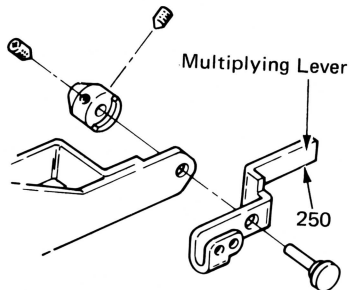


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
25	250	1128016 Multiplying Lever	1

433 SERVICE INFORMATION 7-30-80

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6784, 6705

SUBJECT: APM (F/N 241-5939) CORRECTION

OBSOLETE

434 SERVICE INFORMATION 9-10-80

(Revised) 3-25-81
Type(s): 6121 (Model 7X3), 6126 (Model 8X3), 6701, 6702, 6704

SUBJECT: OPERATIONAL SHAFT SUPPORT (LOST INDEX MOTION)

PURPOSE:
To reduce operational shaft flex, and improve reliability of the index mechanism on applications such as continuous multiple copy forms, pin feed, and 45/48 tooth OCR.

SOLUTION:
Install the operational shaft support B/M using the following method:

1. Attach the drilling template (Figure 1A) to the machine frame as shown in Figure 1B. Drill the two holes with a No. 22 drill bit (P/N 450265) and remove template.

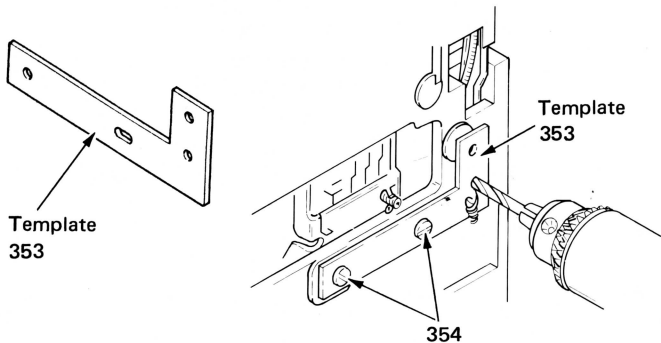


Figure 1A

Bottom View

Figure 1B

2. Assemble and install the operational shaft support bracket asm. as shown below (Figures 2A and B).

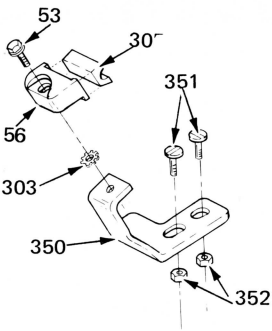


Figure 2A

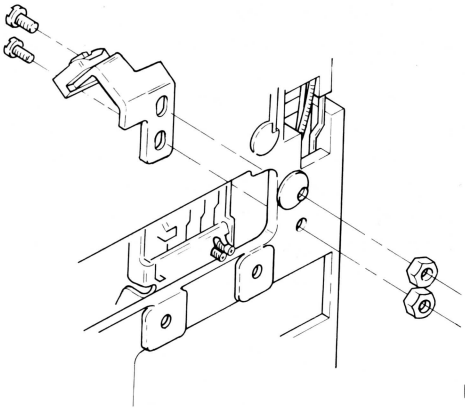


Figure 2B

3. Position the operational support bracket front-to-rear so the front of the bracket evenly contacts the power frame as shown in APM, frame 134.
4. Perform adjustment APM, frame 135.

MECH/REF	PART NO.	DESCRIPTION	QTY.
25	355	1279493 Operational Shaft Support B/M (Includes 25-356, 353 and 354)	1
	356	1279494 Operational Shaft Support B/M (Includes 25-53, 56, 303, 305, 350, 351, 352)	1
	53	1128326 Screw — Support Mounting	1
	56	1159843 Bearing Support	1
	303	56722 Lock Washer — Support Mounting	1
	305	1287910 Operational Shaft Support Bearing	1
	350	1279492 Operational Shaft Support Bracket	1
	351	35739 Screw — Support Bracket Mounting	2
	352	257187 Nut — Support Bracket Mounting	2
	353	1279491 Drilling Template	1
	354	438566 Screws, Template Mounting	2

NOTE: Order reference 353 as necessary.

Use Applicable Service Code

444 SERVICE INFORMATION 11-5-80
 (Revised) 10-7-81
 Type(s): 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: CUSTOM KEYBUTTONS

OBSOLETE

447 SERVICE INFORMATION 12-17-80
 (Revised) 10-7-81
 Type(s): 6121, 6126, 6700, 6701, 6702, 6703,
 6704, 6705

SUBJECT: PINFEED PLATEN SUPPORT B/M (A-FRAME ONLY)

PURPOSE:

A pinfeed platen support B/M (49-50) is now available to reduce movement of the pinfeed platen caused by typehead impact. [Max. pin to pin approx. x5, 10" (254.0 mm) — x3, 9 1/2" (241.30 mm) — x1, 6" (152.40 mm)]

SYMPTOM:

Smeared characters.

SOLUTION:

Install the support B/M (49-50) on the right side of the platen (Figure 1) as described below:

1. Remove platen asm. and deflector.
2. Remove LH platen knob, LH platen bushing, pinwheels and core.
3. Assemble support bracket asm. (49-01, 40, 103, 47, 44, and 43) as shown.
4. Install the support bracket asm. on the platen shaft as shown. Do not tighten screws (49-47 and 01).
5. Install the pinwheels, core, LH platen bushing and LH platen knob; tighten only the platen knob screws.
6. Hold the support bracket asm. up in a vertical position while installing the platen.
7. Position the pinwheels and core as far to the left as possible and tighten the pinwheel setscrews.
8. Remove platen asm. and center cover.
9. Install the base (49-45) and guide spring (49-41) on the front of the A-Frame in the slot as shown. Attach with clamp (49-42) and screw (49-46) as shown. Leave screw (49-46) loose at this time.
 Note: End of guide spring with hole should be between the base and A-Frame.
10. Guide the support bracket (49-43) under the extension of the support base (49-45) while installing the platen asm.
11. Slide support base asm. and support bracket asm. as close to the RH pinwheel asm. as possible.
12. Hold the support base (49-45) down against the paper release rod (22-269). Position the spring (49-41) so the support bracket (49-43) will slide under the extension of the support base (49-45) without bending the spring (49-41). Then tighten the screw (49-46).

13. Hold the support bracket (49-43) so that the extensions touch each side of the support base (49-45) while tightening the bushing screws (49-1).
14. Hold the support bracket (49-43) to the rear (both extensions touching the support base) while tightening the screw (49-47).
15. Remove the platen.
16. Install center cover and deflector.
17. Guide the support bracket (49-43) between the deflector and the center cover while installing the platen.

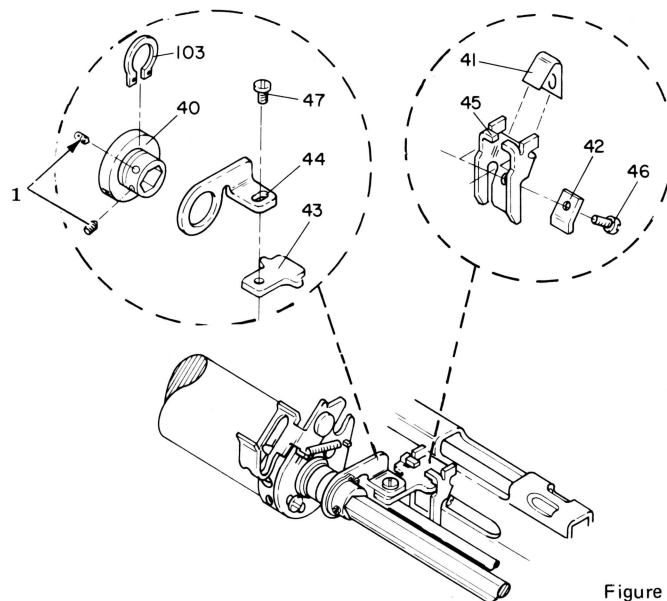


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
49	1	1175101 Screw	2
	40	1256673 Bushing	1
	41	1256674 Guide Spring	1
	42	1256675 Clamp	1
	43	1256676 Support Bracket	1
	44	1256677 Support	1
	45	1256678 Support Base	1
	46	0038351 Screw	1
	47	1117759 Screw, Support	1
	50	1256679 Support B/M	1

Estimated Install Time: 1 Hr.

Use Applicable Service Code

Type(s): 6704, 6705
(Revised) 2-10-82

SUBJECT: POSSIBLE CE SAFETY EXPOSURE – LINE CORD, MOTOR PULLEY CONTACT

MACHINES AFFECTED:
Between Approx. S/N: Type 6704 – 3000001 – 3006980,
Type 6705 – 4000001 – 4184311, Type 6705 – 5000001 – 5124991

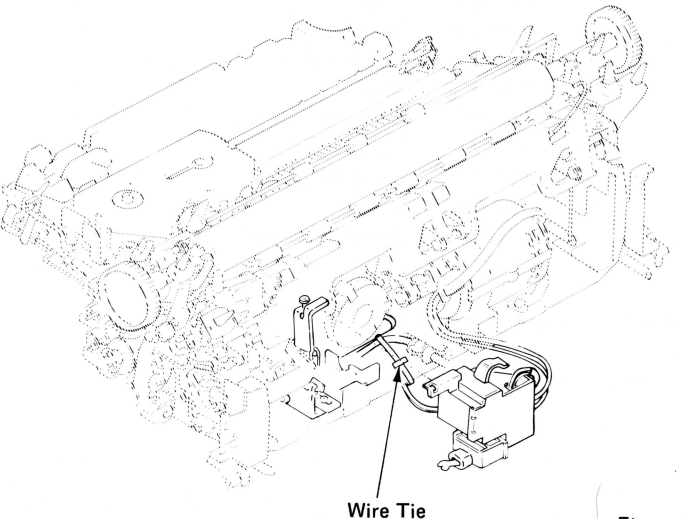
PURPOSE:
PRECAUTION: The motor shell could become live (i.e., line voltage present on the motor shell) on dual pitch "Selectric" IIIs manufactured prior to the S/Ns listed below. The length of the line cord from the white strain relief to the transformer may be excessive. The added length can allow the cord to contact the motor pulley/shaft. This may wear the line cord insulation, resulting in the shell becoming live.

NOTE: This condition is an exposure to the CE only, the customer is protected by the second level of insulation (See "Selectric" CEM No. 454).

SAFETY CORRECTIVE ACTION:
Check for this condition on the NEXT SERVICE CALL, BEFORE performing any other service, as follows:

1. Unplug the line cord and remove the covers.
2. Check for damage to the line cord insulation in the area indicated and replace it if damage is evident.
3. Install wire tie (11-606) as shown in Figure 1.
4. Reapply power and check for proper machine operation.

NOTE: All machines within the specified S/N range must be checked for this condition on the next service call. The wire tie must be installed on ALL machines. (The wire tie is plant installed on machines above the S/N listed.)



MECH/REF	PART NO.	DESCRIPTION	QTY.
11	52 1336439	Line Cord 8 Ft. SE III DP	1
	52 1336440	Line Cord 13 Ft. SE III DP	1
	606 1245622	Wire Tie	1

Use Service Code 33
This CEM Expires 5-20-82

SUBJECT: COVER – DEFECTIVE PAINT

MACHINES AFFECTED:
Between approx. S/N: Type 6705, 5048500-5083310.

PURPOSE:
Small amounts of paint may come off with the packing tape when the tape is removed at installation of some "Selectric" IIIs.

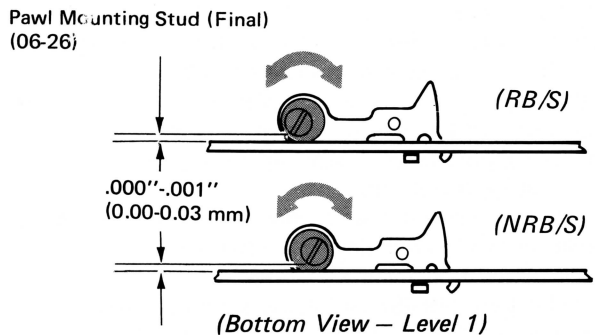
SYMPTOM:
This condition is most likely to occur on the left side of the machine near the seam between the center and bottom cover. The problem is limited to covers painted in Raven Black, Topaz Bronze and Marlin Blue.

SOLUTION:
Use touch up paint (05-500, 501) or replace cover(s) as required.

Use Service Code 33
This CEM Expires 1-27-83

SUBJECT: PAWL MOUNTING STUD

Frame 119 of APM 241-5939-3 is incorrect. On NRB/S machines, the eccentric screwhead should be to the left and on RB/S machines, the eccentric screwhead should be to the right. This correction is shown in Figure 1. Mark this change in your APM.



Use Applicable Service Code.

461 RELIABILITY

7-15-81

 Type(s): 6121, 6126, 6701, 6702, 6703, 6704,
 6705

SUBJECT: TORQUE LIMITER HUB – DEFECTIVE

PURPOSE:

Some machines were manufactured with an excessive taper on the shoulder portion of the torque limiter hub (25-3) (Figure 1).

SYMPTOM:

The taper will result in the torque limiter spring (25-9), torque limiter arbor (25-11), CR spring (25-13) and CR pinion being driven to the right into the "C"-clip during machine operation. A binding condition or premature wear of these parts can occur.

SOLUTION:

When experiencing this symptom, replace the torque limiter (25-3). Examine the other affected parts and replace as necessary.

MACHINES AFFECTED:

Approx S/N: Type 6121 (Model 7X1) 0918226-0955085;
 Type 6126 (Model 8X3) 5261152-5295026; Type 6126 (8X5)
 6777398-6882781; Type 6126 (Model 895) 4960127-
 4993029; Type 6701, 0000159-0004723; Type 6702,
 1003579-1004433; Type 6703, 2004488-2007464; Type
 6704, 3000999-3005259; Type 6705, 4045275-4158376;
 Type 6705, 5009200-5066000.

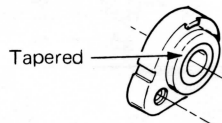


Figure 1

Estimated Install Time: .2 Hr.

Use Service Code 33

This CEM Expires 9-1-82

462 SERVICE INFORMATION

7-15-81

Type(s): 6704, 6705

SUBJECT: PN/PL Corrections

This CEM Is Obsolete.

464 SERVICE INFORMATION

8-26-81

Type(s): 6126, 6703, 6704, 6705 (Revised) 1-27-82

 SUBJECT: CORRECTING LIFT AND FEED ACTUATOR
 STUD

INFORMATION:

The correcting lift and feed actuator stud (26-54) may be replaced with P/N 1466537 currently used in Mag Card. This stud has a slotted head for easier installation and removal.

MECH/REF	PART NO.	DESCRIPTION	QTY.
26	54	1466537 Stud	1

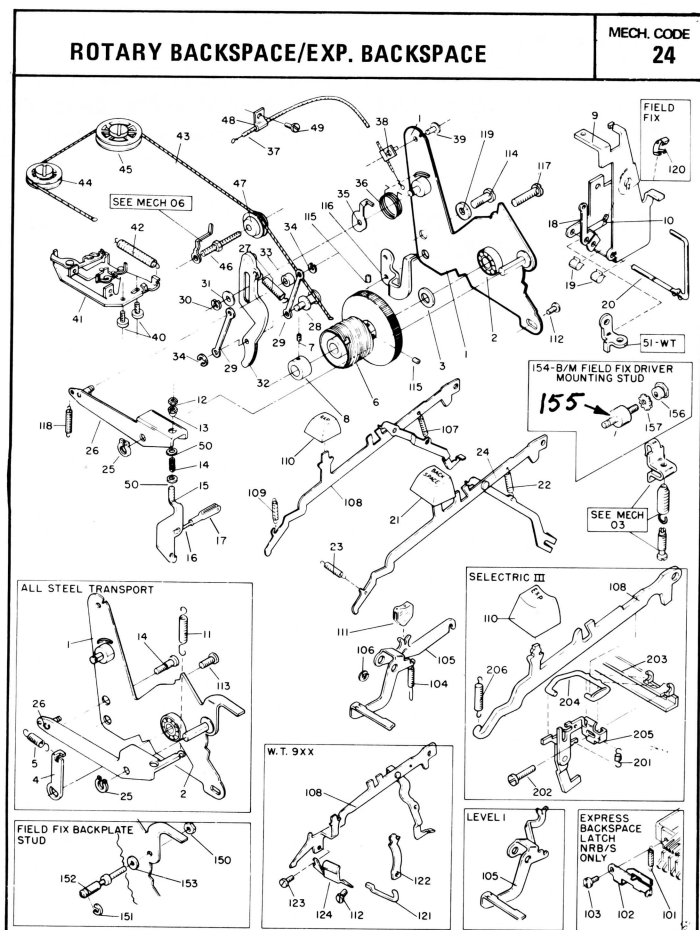
Use Applicable Service Code.

Type(s): 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: APM CORRECTION — BACKSPACE DRIVER MOUNTING STUD

PURPOSE:

The reference number for the field fix backspace driver mounting stud is incorrect. It should be part reference 24-155. Mark this correction in your APM.



Use Applicable Service Code.

Type(s): 6701, 6702, 6703, 6704, 6705

SUBJECT: COURT REPORTER ELEMENT — UNDERSCORE

PURPOSE:

Some 96 character Courier 10 Court Reporter elements (P/N 1352030) were manufactured with the wrong underscore.

SYMPTOM:

When used on 9 pitch machines the underscore will resemble dashes instead of a continuous line. (The element will function normally on 10 pitch machines.)

SOLUTION:

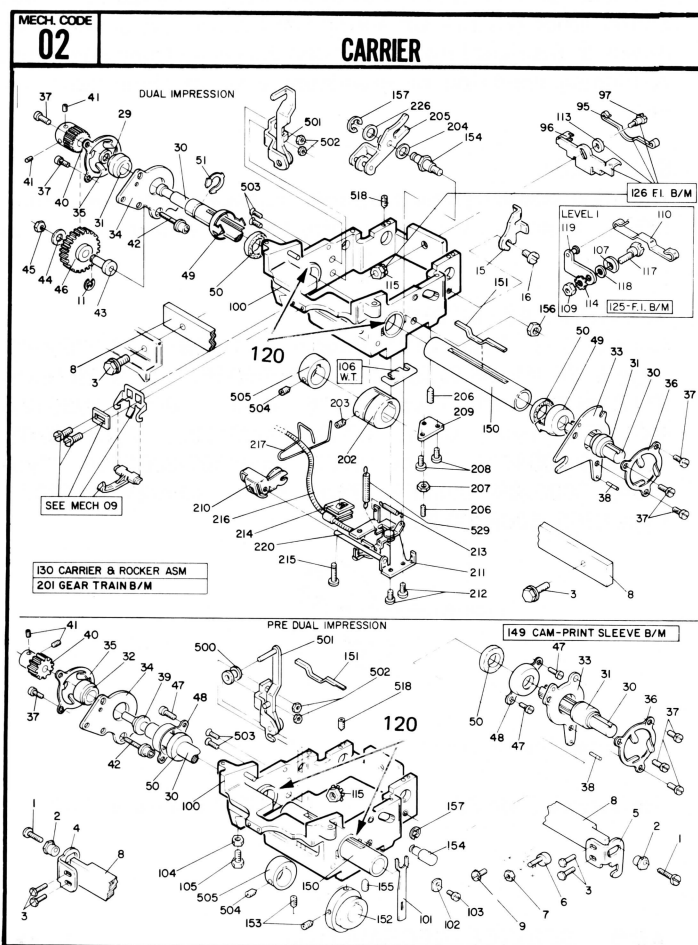
Replace the element.

Use Service Code 18

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: CARRIER BEARING — REFERENCE NUMBER ADDED TO APM

A part reference number (02-120) has been assigned to the carrier bearings for CALL REPORTING PURPOSES ONLY (See Figure 1). Note this change in your APM (241-5939).



Use Applicable Service Code.

469 SERVICE INFORMATION

10-7-81

Type(s): 6121

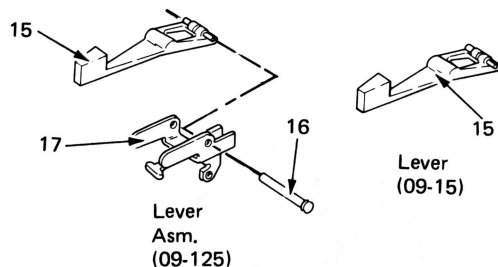
(Revised) 12-2-81

SUBJECT: MARGIN SET LEVERS

PURPOSE:

The margin set levers (09-15) and set lever assemblies (09-125) have been changed to metal to reduce breakage. The lever and asm. are compatible with current level margin stops (09-18, 35). Machines without current level stops below 7X1 – 4218186, 7X3 – 4859623, 7X5 – 4510354 must have the margin lever asm. (09-125) replaced.

NOTE: When replacing a plastic set lever or asm. with the metal lever, both levers should be changed to the metal lever.



MECH/REF	PART NO.	DESCRIPTION	QTY.
09	15	Margin Lever	1
125	1256668	Margin Lever Asm.	1

Parts Information: Plastic levers and assemblies will no longer be available. Present stock of the margin rack assemblies (09-150) will contain the plastic set levers until depleted.

Use Applicable Service Code

470 SERVICE INFORMATION

10-7-81

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: PRINT QUALITY – PLATEN HEIGHT ADJUSTMENT

The platen cannot be adjusted low enough to get even top and bottom print. Check the platen height adjustment with the platen gauge. With the gauge installed and the platen adjusted for .030" (0.76 mm) clearance between the top of the platen and platen gauge, the platen should need only slight adjustment to get even top and bottom. If the platen height eccentrics require excessive adjustment downward for even top and bottom print, the yoke (02-520) could be the problem. The tilt detent slot may be off location.

NOTE: Check to be sure that related adjustments such as platen front to rear, platen latches, and carrier shoe are not contributing to the problem.

SOLUTION:

If the platen height eccentrics do not provide sufficient adjustment range, one of the following corrective actions may be used.

"Selectric" and "Selectric" II prior to eccentric overthrow index pawl stop: replace the yoke.

"Selectric" and "Selectric" II with eccentric overthrow: Install B/M (22-314). This B/M includes new LH and RH platen supports (22-280, 291) which have been modified to allow the platen to be adjusted lower. The parts are color coded a gold tone for identification. Individual P/Ns for the LH and RH supports will not be made available. If replacement of the supports does not solve the problem, the yoke must be replaced.

"Selectric" III: Replace the yoke (02-520) (platen supports are not available as separate parts on "Selectric" IIIs).

NOTE: If yoke replacement is required, check print adjustments, fine alignment, and character selection adjustments, with emphasis on even side-to-side printing, skirt clearance, and homing. Also make sure that the carrier does not contact the feed rolls during carrier movement.

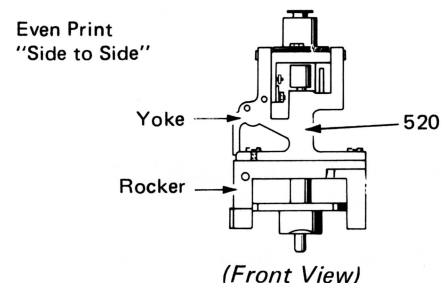


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
22	314	1279505 Platen Support BM	1

Use Applicable Service Code

471 SERVICE INFORMATION 10-7-81
(Revised) 12-2-81
Type(s): 6121, 6126, 6701, 6702, 6703, 6704, 6705

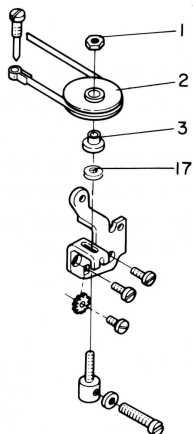
SUBJECT: TILT PULLEY BUSHING BREAKING

MACHINES AFFECTED:

Between approx. S/N: Type 6121 (7X1) — 0949339 and 0972293; Type 6126 (8X3) — 5291541 and 5302254; Type 6126 (8X5) — 6874286 and 6904004; Type 6701 — 0003427 and 0006099; Type 6702 — 1003772 and 1008303; Type 6703 — 2005916 and 2015145; Type 6704 — 3003740 and 3009042; Type 6705 — 4136809 and 4235975.

The tilt pulley bushing (23-3) has been redesigned. The length of the bushing was increased to prevent it from breaking when tightening the nut (23-1).

NOTE: A washer (23-17) was installed on machines (as shown in Figure 1) within the specified serial number range as a temporary measure until the redesigned bushing became available. The washer is not required with the redesigned bushing and should be discarded if the new bushing is installed.



MECH/REF	PART NO.	DESCRIPTION	QTY.
23	3 1256038	Bushing	1

Parts Information: Former level bushings are no longer available.

Use Applicable Service Code

472 SERVICE INFORMATION 10-21-81
Type(s): 6704, 6705

SUBJECT: TRANSFORMER MOTOR

A new motor has been released that includes a built-in transformer to provide margin lamp voltage for "Selectric" III 115V — 60Hz dual pitch machines.

The method of connecting the secondary wiring at the margin light switch plate (10-109) has also been changed. Figure 1 shows the old method of connection and Figure 2 shows the new. The switch plate will be redesigned as illustrated in Figure 3. The old plate will be used until stock is depleted but the wires will be connected as illustrated in Figure 2.

If a transformer motor is used as a replacement part, the new method of wiring (Figure 2) must be used. It is not necessary to change the wire connections on machines with the previous transformer (11-603).

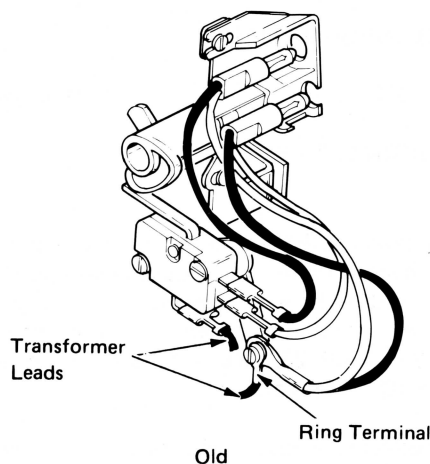


Figure 1

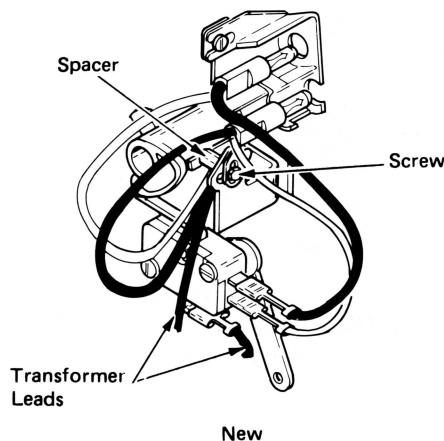


Figure 2

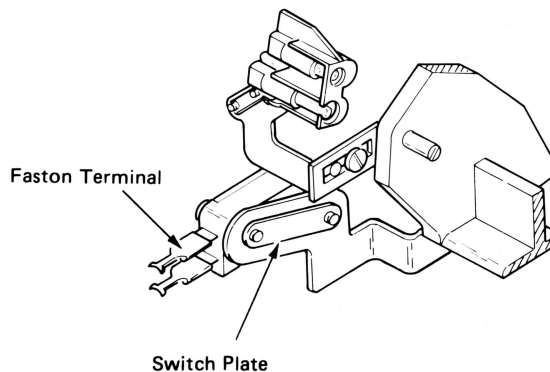


Figure 3

MECH/REF	PART NO.	DESCRIPTION	QTY.
10	121 1336413	Screw, Long	
	123 1336772	Spacer	
11	40 1304774	Transformer Motor	
	83 1304713	Ring Terminal	
	88 5412817	Faston Terminal	

Use Applicable Service Code

473 SERVICE INFORMATION

12-2-81

(Revised) 2-10-82

Type(s): 6121, 6126, 6701, 6702, 6703, 6704, 6705

SUBJECT: 54T PLATEN DETENT ASSEMBLY (A-FRAME ONLY) – REDESIGNED

MACHINES AFFECTED:

Plant installed above approx. S/N Type 6121 (Model 721) 0995041; Type 6126 (Model 8x3) 5325230; Type 6126 (Model 8x5) 6930100 and 0708850; Type 6701 0010277; Type 6702 1010783; Type 6703 2025804; Type 6704 3014699; Type 6705 4380500 and 5115188.

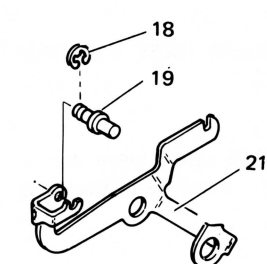
PURPOSE:

The 54T detent assembly has been redesigned. A solid roller (20-19) now serves to engage the platen ratchet. The diameter of the roller is .010" (0.25 mm) less than that of the previous 2-piece roller/shaft combination, which increases the detenting force on the ratchet. The detent arm (20-21) and clip (20-18) have been changed to accept the new solid roller (Figure 1).

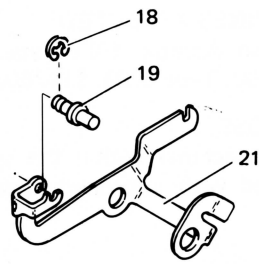
The redesigned detent assemblies are compatible with all "Selectrics" equipped with A-Frame paper feed assemblies.

ADJUSTMENTS:

All adjustments remain the same.



"SELECTRIC" A-FRAME



"SELECTRIC" II & III A-FRAME

Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
20	18	1336421 "C" Clip	1
	19	1279019 Roller B/M (Includes Roller And Qty 2 PN 1336421)	1
21	1256706	Detent 54T	1
	1256707	Detent Asm. 54T	1
	1256708	Detent Asm. 54T (7XX)	1
	1256709	Detent 54T (7XX)	1

Parts Information: Former level detent arms and assemblies are no longer available. If replacement is required, the new style assembly must be used. Former level detent rollers, shafts, and clips remain available for field replacement.

Use Applicable Service Code

474
SERVICE INFORMATION

12-2-81

Type(s): 6701, 6703, 6704, 6705

SUBJECT: "SELECTRIC" III INCORRECT MACHINE TYPE CODE

MACHINES AFFECTED:

6701, 0008395–0008611; 6703, 2017481–2018930; 6704, 3011246–3011589; 6705, 4258893–4299931.

Due to a problem with the serializing process in Lexington, the power frames of approximately 4,000 "Selectric" IIIs have been stamped with incorrect machine type codes. All of these machines were stamped with machine type 6702 regardless of actual machine type.

A CEARS reporting error will occur if the incorrect machine type (i.e., 6702) is recorded on a CEARS document.

Lexington manufacturing corrected the majority of these errors prior to shipment by installing a black sticker with correct product, machine type, and plant of manufacture to the left of the machine serial number over the incorrect information.

Offices that received machines that were shipped before corrective action was taken have been notified and provided with stickers. If machines are found that have not been corrected or the original sticker did not adhere, more stickers can be obtained from Lexington Service Planning.

Use Applicable Service Code

475 SERVICE INFORMATION 12-2-81

Type(s): 6701, 6702, 6703, 6704, 6705

SUBJECT: TOP COVER JAMMED — SOUND REDUCTION MACHINES

If experiencing problems in lifting the top cover (30-151) on sound machines, check for excessive side-to-side motion of the hood latch on the RH hood bracket (30-133). The top cover latch (30-136) may have slipped off the RH side of the bracket (30-133) and jammed the cover. Washer (P/N 1091220) has been used in the plant to eliminate the problem and can be used if needed in the field. Install washer as shown in Figure 1.

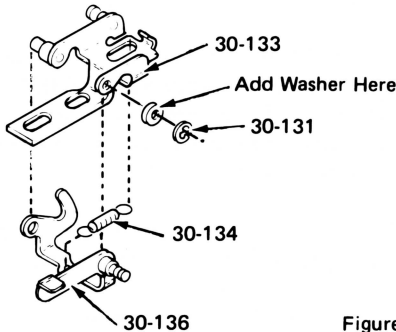


Figure 1

476 SERVICE INFORMATION 1-27-82

Type(s): 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: PAGE END INDICATOR — REMOVAL OF EXTENSION

If the customer requests removal of the extension (05-144) on the page end indicator, it can be removed by using a punch and hammer or other suitable tool to release the pin. Do not remove the entire indicator, and leave the metal prongs exposed.

NOTE: Because the page end indicator is a molded plastic part, sharp edges could occur. If the edges are noticeably sharp or rough, remove with file or stone or replace the indicator.

Use Applicable Service Code.

477 SERVICE INFORMATION 2-10-82

Type(s): 6121

(Revised) 10-15-84

SUBJECT: CR UNLATCHING LINK — 7 X 3 AND 7 X 5 — PN/PL CORRECTION

The correct part number for the 7 X 3 and 7 X 5 carrier return unlatching link (03-557) is 1164171. The old part number (1164813) is now obsolete. Mark this change in your PN/PL.

MECH/REF	PART NO.	DESCRIPTION	QTY.
03	557 1164171	Link 7 X 3 and 7 X 5	1

Use Applicable Service Code.

478 RELIABILITY 2-10-82

Type(s): 6126 (Model 8x5), 6705

SUBJECT: KEYBOARD TOUCH PROBLEMS

MACHINES AFFECTED:

Type 6126 (model 8x5): 0716365-0717804; Type 6705 5143844-516886.

PURPOSE:

Some 15.5" machines were shipped to the field without any lubrication in the area of the cycle clutch latch and keeper (21205 & 206).

SYMPTOM:

The keyboard is sluggish or heavy to the touch.

SOLUTION:

Lubricate with no. 23 grease the latching surface of the keeper (21-205) and the slotted area of the link asm. (21-206).

Use Service Code 33 This CEM Expires 2-10-83

479 RELIABILITY 2-10-82

Type(s): 6126, 6705

SUBJECT: ESCAPEMENT BRACKET (RB/S) — DEFECTIVE

MACHINES AFFECTED:

Between Approx. SN's Type 6126 (Model 8X5), 0716061-0717260; Type 6705, 5147605-5164886.

PURPOSE:

Some machines within the specified S/N range were manufactured with improperly heat treated escapement brackets (07-1).

SYMPTOM:

The tab torque bar back up lug on the escapement bracket may break when formed (Figure 1).

SOLUTION:

If this condition occurs replace the escapement bracket.

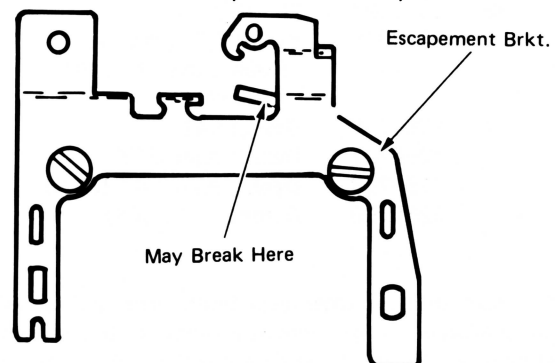


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
07	1 1204239	Escapement Brkt, Selective Ribbon	1

Use Service Code 33 This CEM Expires 2-10-82

480 RELIABILITY

2-10-82

(Revised) 5-19-82

Type(s): 6121, 6126, 6701, 6702, 6703, 6704, 6705

SUBJECT: CARRIER RETURN AND EXPRESS BACK-
SPACE SHOE ARM — REDESIGNED

MACHINES AFFECTED:

Plant installed above approx. S/N Type 6701: 0014988;
6702: 1012839; 6703: 2029941; 6704: 3017964; 6705:
4419911; 6705: 5190268

PURPOSE:

The thickness of the one piece CR shoe arm (24-105) has been increased by .012 to reduce the flex in the "Selectric" III express backspace mechanism.

SYMPTOM:

Difficulty maintaining the required adjustments for proper operation of the express backspace mechanism.

SOLUTION:

Install the redesigned express backspace/CR arm (24-105), and shoe (24-111). A grip clip (24-106) is required for mounting the arm on the present installed inventory. (Machines manufactured above the specified S/N range, incorporate a redesigned mounting shaft (25-220) that utilizes the present "C"-clip). When installing the grip clip, maintain minimum side play (no binds) of the arm on the shaft.

ADJUSTMENTS:

The following adjustments should be performed in the recommended sequence:

1. Form the express backspace keylever (24-108) so the keybutton assumes the same height as an adjacent character keybutton.
2. Adjust the pawl assembly (24-205) to the left for maximum slot adjustment (APM Frame 204) ("Selectric" III only).
3. Form the CR shoe arm for proper shoe overlap and contact with pinion spring (APM Frame 200).
4. Adjust the CR shoe to pinion clearance for .010"-.020" (3/4 to 1-1/2 turns from shoe engagement) (APM Frame 172).
5. Form the express backspace/CR arm lug to obtain CR shoe engagement with the pinion spring when the TOP of the keylever has traveled .035"-.050" from the TOP of the slot in the front keylever guide comb. Recheck APM Frame 172. (NOTE: This adjustment differs from that in APM Frame 202.)

MECH/REF	PART NO.	DESCRIPTION	QTY.
24 105	1336414	Express Backspace/CR Shoe Arm	1
111	1336412	Shoe (Blue)	1
106	1115633	Grip Clip	1
207	1287500	Express Backspace/CR Shoe Arm B/M (Includes Qty. 1 Mech. 24, Ref. 105, 106, 111)	1

Parts Information: The redesigned arm replaces all previous one-piece CR/exp. B/S shoe arms. The new shoe (blue) must be used on the new arm. The former lever shoe (white) remains available.

Estimated Install Time: .2 Hr.

Use Service Code 33

This CEM Expires 3-1-83

Type(s): 6700, 6701, 6705

(Revised) 11-30-83

SUBJECT: ANNOUNCEMENT/DISCONTINUANCE — IBM
"SELECTRIC" III

Announcement of a new IBM Correcting "Selectric" III model 6700, and standardizing production of the "Selectric" III typewriter.

Discontinuance of the "Selectric" III models 6702, 6703 and 6704.

The "Selectric" III will be manufactured with standard machine features. The "Selectric" III model 6705 is also available with a limited amount of optional features. The model 6701 can be obtained by schools and Government customers only.

"SELECTRIC" III AND CORRECTING "SELECTRIC" III STANDARD TYPEWRITER FEATURES	MODEL		
	6700	6701	6705
Covers-Topaz Bronze (With Raven Black Bottom Cover)	X	X	X
Acoustical Filter Hood			X
Lighted Margin Scale			X
End of Page Indicator	X	X	X
Repeat Underscore	X	X	X
54 Tooth Indexing	X	X	X
Dual Pitch (Prestige Elite Element Only)			X
Ribbon Cassette	X		X
Fabric Ribbon		X	
Selective Ribbon (Government Only)			X
Correcting Mechanism	X		X
Half Backspace			X
92 Character Keyboard US Correspondence	X	X	X
10 Pitch (W/Courier Element)		X	
12 Pitch (W/Prestige Elite Element)	X	X	
OPTIONAL FEATURES			
Additional Cover Colors (8) (With Raven Black Bottom Cover)			X
96 Character Keyboard (Choice of 4)			X
92 Character Keyboard (Choice of 2)			X
48 Tooth Indexing			X
Manual Velocity (W/96 Char. Kybd.)			X
Modified Motor (Government Only)			X
Elements (Choice Of Any 2 Current Typestyles)			X

- * Pin Feed Platen
- * Court Reporter Platen
- * Card Holding Platen
- * OCR Manifold Platen
- * Platen Indexing 24, 27, 31, 36 and 45T
- * Double Indexing
- * Dead Key Disconnect
- * Handicapped Attachments
- * Stroke Counter
- * Ribbon Limiting Device
- * Repeat Character (Row B)
- * Shift Sensing
- * 13 Foot Line Cord
- * 3 Wire Line Cord
- * Legal Page End Indicator
- * Manual Velocity Control
9 Pitch
External Ribbon Control
All Other Keyboards
(No Field Conversions)
Special Color Covers

- * These features can be field installed upon customer request at the current applicable rates.

Parts Information: The "Selectric" III complete cover assemblies will no longer be available. When a complete cover asm. is required, order a top and center cover asm. and the appropriate bottom cover.

Refer to the Part No./Price List Selectric III cover chart for part number information.

NOTE: Until stock is depleted, orders for the top and center cover asm. will be filled with the complete cover asm.

Use Applicable Service Code

482 SERVICE INFORMATION

2-17-82

Parts

Type(s): 6700, 6705

SUBJECT: ANNOUNCEMENT — IBM 210 CORRECTABLE RIBBON CASSETTE — IBM 800 T-III RIBBON CASSETTE

The "Selectric" III ribbon cartridge and ribbon mechanism have been redesigned to increase ribbon yield while offering the operator simplified ribbon loading. The following is a list of the design modifications and features of the new "Selectric" III Ribbon Cassette.

1. Four fewer ribbon mechanism adjustments.
2. Ribbon lift guide and shock wire are on the ribbon cassette.
3. Ribbon cassette replacement is simplified.
4. 38.6% higher character yield per correctable ribbon cassette.
5. 37.9% higher character yield per T-III cassette.
6. Thinner film ribbon and new ink formulation.

THEORY OF OPERATION

The method of operation of the lift and feed mechanisms are very similar to the selective ribbon with the exception of the redesigned lift guides and the T-III ribbon feed.

The lift guides are now part of the cassette. A return spring on the cassette keeps the guides spring loaded against the lift arms. The rest position of the lift arms is determined by forming an extension to the escapement bracket. The lift motion is provided in the same way as the earlier mechanism through the ribbon lift cam and ribbon lift follower. However, the ribbon lift cam and spread adjusting plate have been redesigned and are not compatible with the earlier mechanism.

The feed mechanism for the T-III ribbon has been altered by changing the ratio between the intermediate gear and the upper gear, giving approximately 38% higher character yield per T-III ribbon. The increased yield of the correctable film ribbon is due to the use of a thinner material which allows more ribbon to be wound on the spool.

The design and operation of the correcting mechanism remains unchanged, with the exception of a tape deflector which has been added to the tilt ring.

Field Upgrade

Customers requesting the ribbon cassette to be installed on their existing "Selectric" III should be referred to Marketing for price and availability. Orders will be handled on an MES basis only.

All ribbon cassette parts will be listed under new mechanism code 27. This CEM is to be used to reference parts, pending update of the APM.

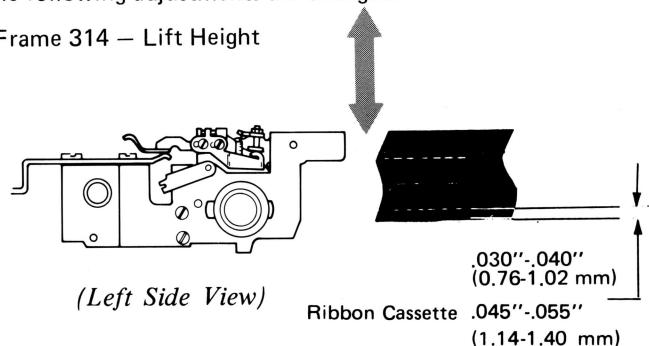
Adjustments

The following adjustments are not required for the ribbon cassette mechanism:

- Frame 316 — Shock Wire
- Frame 319 — Shock Wire Disengage Lever
- Frame 320 — Shock Wire Disengage Lever
- Frame 324 — Load Lever
- Frame 339 — L/H Ribbon Lift Guide

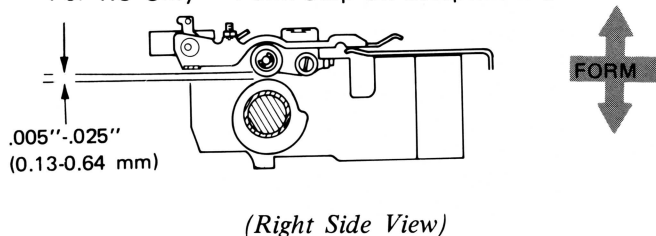
The following adjustments are changed:

Frame 314 — Lift Height



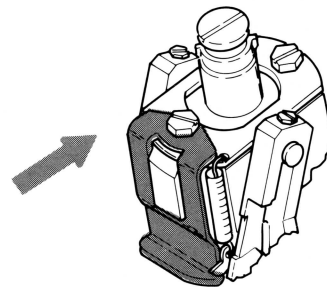
Frame 315 — Lift Arm Stop (Ribbon Cassette)

"For RC Only — Form Stop On Escapement Bracket"

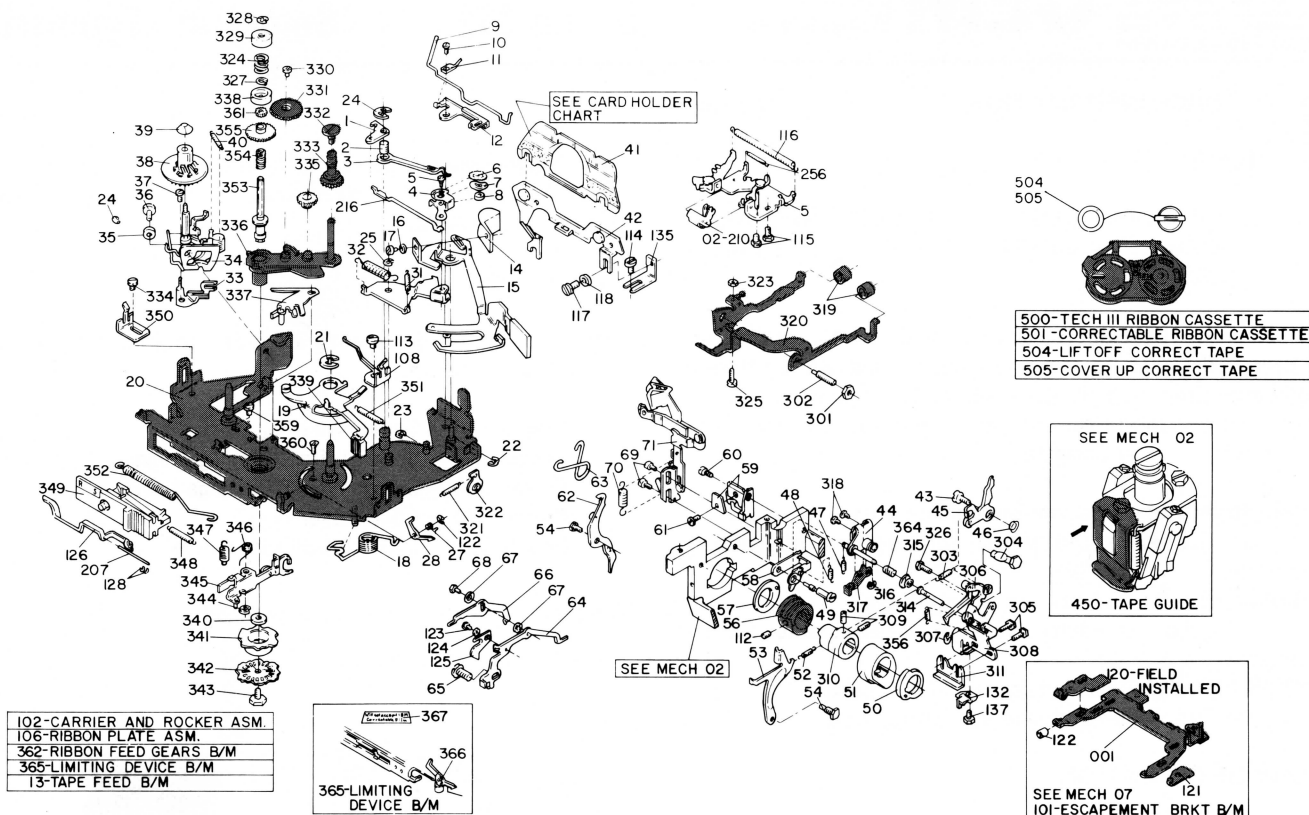


The following adjustment is added:

Tape Deflector — Adjust the deflector against the tilt ring.



(Continued)



1. Shaded parts are unique to Ribbon Cassette mechanism.

MECH/REF.	PART NO.	DESCRIPTION	QTY.			
27	1	1206022	Bellcrank	32	1206004	Spring, Sw. Arm
	2	1206020	Spring Fd. Blk.	33	1206092	Fork Cradle
	3	1206037	Detent	34	1287340	Cradle Asm.
	4	1290655	Pawl	35	1072477	Washer
	5	1290653	Screw	36	1206166	Stud
	6	1206012	Wheel, Spiked	37	38261	Screw
	7	1206033	Washer	38	1256182	Ratchet, Supply
	8	1206014	Spacer	39	1206083	Cap. Ratchet
	9	1206016	Wire, Separator	40	1116729	Spring, Low Bias
	10	48594	Screw	41	1206424	Cardholder
	11	1206372	Spring		1206368	Cardholder, Pin Feed
	12	1206017	Support	42	1206219	Bkt. L/H Mounting
	13	1279490	Pawl - Feed B/M (Inc. Ref. 4, 5, & 216)	43	1090007	Stud
	14	1206882	Guide, Corr. Tape	44	1206040	Follower, Rib
	15	1206009	Lever Tape	45	1290568	Follower, Feed
	16	1135663	Washer	46	1206065	Hub, Follower
	17	1206145	Screw	47	1206319	Spring
	18	1206018	Spring	48	1171923	Spring
	19	1206007	Lever Ribbon Load	49	1206047	Stud
	20	1359633*	Plate, Ribbon	50	1464823	Cam, Tape Feed
	21	257982	Retainer	51	1206046	Cam, Print/Corr.
	22	1103695	Retainer	52	1071687	Spring, Inhibit.
	23	219633	Retainer	53	1290579	Inhibitor, Tape Feed
	24	1073418	Retainer	54	1206163	Stud
	25	1092125	Retainer	55	1290577	Vel. Bkt. Dual Transport
	27	1206853	Spring		1141624	Vel. Bkt. All Nylon Transp.
	28	1359632*	Load Lever Latch	56	1359730*	Cam Ribbon Lift
	30	1206021	Arm, Swing	57	1206045	Cam, Tape Lift
	31	1164938	Spring	58	1206044	Follower, Lift
				59	1206188	Bkt. Cable Guide With Tubing

(Continued)

(CEM No. 482 Continued)

60	1206186	Screw
61	1206422	Screw
62	1290574	Arm, Actuating
63	1206146	Spring
64	1290580	Arm, Lift
65	1206165	Stud, Lift Arm
66	1290595	Arm
67	1132211	Washer
68	1206809	Screw Lift Asm.
69	1206204	Screw
70	1206054	Spring
71	1206048	Lift Guide
102	1359643*	Carrier and Rocker Asm.
106	1359640*	Ribbon Plate Asm.
108	1206034	Retainer, R.H.
112	1164096	Screw, Lift Cam
113	1164291	Screw, Cart. Ret.
114	1164027	Screw, Sel. Ribbon
115	1164580	Screw, Bkt. Mtg.
116	1204553	Shock Spring
117	1172397	Screw, Sel. Ribbon
118	1138796	Washer
122	1073418	Clip
123	1172397	Screw, Lift Arm Stop
124	1290605	Washer, Lift Arm Stop
125	1290599	Stop, Lift Arm
126	1290578	Bellcrk, Inhib.
128	251989	Retainer
132	1290601	Guide, Torque Bar
135	1206642	Bkt. Sel. Ribbon
137	1147429	Screw, T/B Guide
207	1290600	Pin, Inhib. Act. Bellcrank
216	1290654	Link
256	1123827	Spring
301	6503	Nut, Lock
302	1206556	Screw, Lift Piv.
303	1206510	Spring, Fd. Pawl
304	1206623	Follower, Feed
305	1164939	Screw, Fol. Bkt.
306	1290572	Asm, Fd. Cam Fol.
307	219633	Clip, Pin Ret.
308	1290581	Bkt, Rib. Feed
309	1164096	Screw, Fd. Cam
310	1164095	Cam. Rib. Fd.
311	1164435	Pad, Carr. Support
314	1290582	Pin 7/8", Shouldered
315	1206517	Roller, Cam Fol.
316	219633	Clip, Roll Ret.
317	1359729*	Plate Adj.
318	1206703	Screw, Plt. Mtg.
319	1359714*	Tube
320	1359715*	Arm Lift — Sound Reduct.
	1359563*	Arm, Lift
321	1206617	Spring, Wobbler
322	1206585	Eccentric, Wob.
323	2114985	Nut, Lf. Cr. Loc.
324	1206513	Spring Mode

325	1206619	Screw, Lift Adj.
326	1206605	Screw, Fd. Foll.
327	1118361	Retainer, Mode
328	219633	Clip, Mode
329	1206515	Button, Mode
330	1206549	Screw, Int. Gear
331	1359638*	Gear, Int.
332	1359787*	Screw, Spiked Driver
333	1359677*	Spiked Driver
334	1164291	Screw, Carr. Ret.
335	1206596	Gear, Int.
336	1359679*	Swing, Arm
337	1206618	Bellcrank, Wobb.
338	1206515	Button, Mode
339	1206649	Handle Load
340	1206692	Washer, Wob. Cam
341	1206613	Cam, Wobbler
342	1206205	Wheel, Fd. And Lift
343	1206537	Screw, Fd.
344	264641	Clip, Lift Con.
345	1206583	Lever
346	1206702	Spring Lift Lev.
347	1206560	Spring, Lift Arm
348	1091670	Spring, Stencil
349	1206598	Lever, Stencil
350	1206512	Spring, Ret L.H.
351	1206650	Spring Load Lever
352	1206562	Spring, Swg. Arm
353	1206551	Post, Rib. Fd.
354	1206518	Spring, Fd. Gear
355	1206697	Gear, Lower
356	1164938	Spring
359	1164580	Screw, Plate L.H.
360	1175097	Screw, Plate R.H.
361	1359637*	Gear, Upper
362	1359694*	Fd. Grs. B/M
364	1359782*	Spring, Lift Follower
365	1359722*	B/M, Film Ribbon Lockout
366	1206488	Load Latch (Lockout)
367	1206491	Label (Lockout)
02	450 1440012*	Tape Guide RC
	130 1359643*	Carrier And Rocker RC
07	001 1359681*	Bkt. Escapement RC *1*
	101 1359686*	Bkt. Asm. Escapement RC *1*
	120 1359558*	L.H. Ribbon Stop Bkt. (FI Only)
	121 1359559*	Corr. Feed Restoring Spring Bkt. (FI Only)
	122 1359712*	Tube, Downstop

*Unique To Ribbon Cassette Mechanism.

1 If the L.H. Lift Arm Stop breaks, replace with field fix part ref. 120.

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: RIBBON FEED CAM FOLLOWER ASM.

PURPOSE:

Selective ribbon machines are now manufactured with the same ribbon feed cam follower, FTB (15-010) as is used in Electronic Typewriter. A new pin (15-019) is required to mount the follower. (Figure 1 illustrates the old and new pin).

The former level follower is no longer available. If replacement is required, order both the new follower and pin. Old level pins remain available.



Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
15 10	1358301	Follower Asm., Ribbon Feed FTB	—
19	1256684	Stud	

Use Applicable Service Code

Type(s): 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: KEYBOARD DAMPER SPRING — CHANGED

PURPOSE:

The cycle clutch bail leaf spring (21-240) has been replaced with coil springs on both sides of the key board. This change was made in order to maintain a more reliable adjustment of the cycle clutch latch pawl to keeper on the assembly lines. It will also allow the touch to be distributed more evenly across the keyboard.

The LH spring (21-210) is connected to an interposer (21-113) that has been added to the LH side of the keyboard (Figure 1). The right and left damper springs can be installed in keyboards in the field by ordering the interposer, screw, and springs. On the RH side replace the center screw in the plate with the longer screw that was ordered and attach the spring. The center leaf spring will remain available.

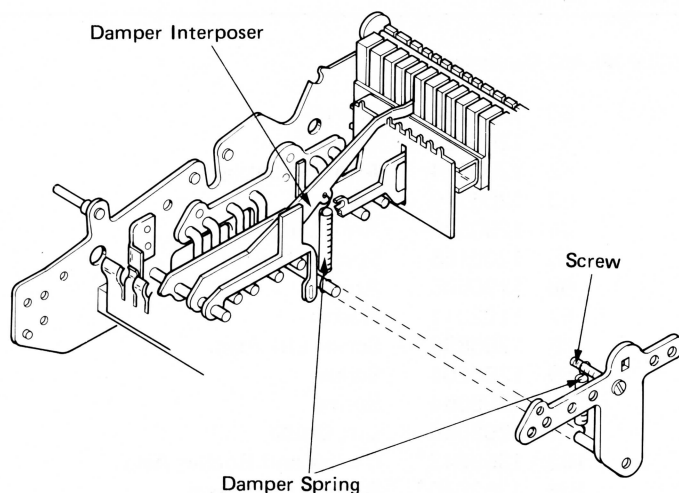


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
21 113	1336452	Interposer - Damper	1
210	1147354	Spring	2
301	1128113	Screw	1

Use Applicable Service Code

5-19-82

Types: 6126,6700,6701,6702,6703,6704,6705

SUBJECT: Paper Release Lever - Redesigned

The A-Frame paper release lever (22-267) has been changed to reduce breakage. Material has been removed to eliminate the interference between the cover and the paper release lever.

ADJUSTMENTS:

When used as a replacement part for the previous level lever, the feed roll clearance (APM Frame 254) and paper release (APM Frame 255) adjustments may be affected and should be checked.

MECH/REF	PART NO.	DESCRIPTION	QTY.
22 267	1256715	Paper Release Lever	1

THE FOLLOWING INFORMATION FOR IBM USE ONLY

Use Applicable Service Code

486 SERVICE INFORMATION
Type: 6705

5-19-82

SUBJECT: SELECTRIC III - RIBBON CASSETTE

MACHINES AFFECTED:

Between Approx S/N Type 6705 - 4000001-4448504; type 6705 - 5000001-5205911.

Selectric III Ribbon Cassette machines between the specified Serial Numbers do not have the vinyl tubes (27 - 319 and 07 - 122) installed as shown in CEM 482. The tubes may be installed as required to dampen the sound caused by the contact between the ribbon lift arms (27 - 320) and the extension of the escapement bracket (07 - 1) or the cardholder bracket mounting screw (27 - 114).

ADJUSTMENTS:

The ribbon lift height adjustment (Frame 314) and lift arm stop adjustment (Frame 315) shown in CEM 482 may be affected and should be checked after installation of the tubes.

MECH/REF	PART NO.	DESCRIPTION	QTY.
27	319 1359714	Vinyl Tube-Lift Arm	2
07	122 1359712	Vinyl Tube-Escapement Bkt	1

Use Applicable Service Code This CEM Expires 6-30-83

PURPOSE:

Some machines were manufactured with an improperly heat treated CR operational cam pawl (25-34).

SYMPTOM:

Loss of cam pawl to ratchet clearance caused by premature wear of the pin where it contacts the check ring (25-35) and/or early wear of the pawl tooth. (FIG I)

SOLUTION:

When experiencing this symptom check for this condition and replace the pawl. Inspect any other related parts and replace as necessary.

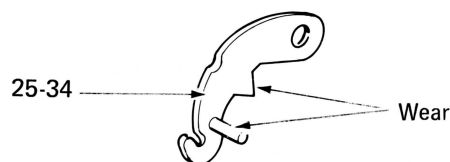


Figure I

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION	QTY.
25	34 1128413	Pawl	1

Use Service Code 33 This CEM Expires 6-30-83

487 SERVICE INFORMATION

5-19-82

Types: 6121,6126,6700,6701,6702,6703,6704,6705

SUBJECT: KEYLEVER PAWL B/M

When using the keylever pawl B/M (21 - 30) to replace a key-lever pawl, the stud may interfere with the adjacent keylever. The stud may be shortened on the unthreaded side by using the cutters or other suitable tool.

NOTE: Caution should be taken when removing material from the stud. Cover the part with a cloth to prevent flying fragments.

Use Applicable Service Code

489 SERVICE INFORMATION

7-28-82

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: PINFEED PLATEN PIN — REDESIGNED

The D-shaped pin (49-101), cam groove dimensions have been increased to produce an improved pin and cam operation. The new level pin can be identified by its gray color.

MECH/REF	PART NO.	DESCRIPTION	QTY.
49	101 1336740	Pin	1

PARTS INFORMATION:

Present stock of pinwheel assemblies (49-130) may not contain new level pins.

Use Applicable Service Code

488 RELIABILITY
Type(s): 6705

7-28-82

SUBJECT: CARRIER RETURN OPERATIONAL CAM
PAWL — DEFECTIVE

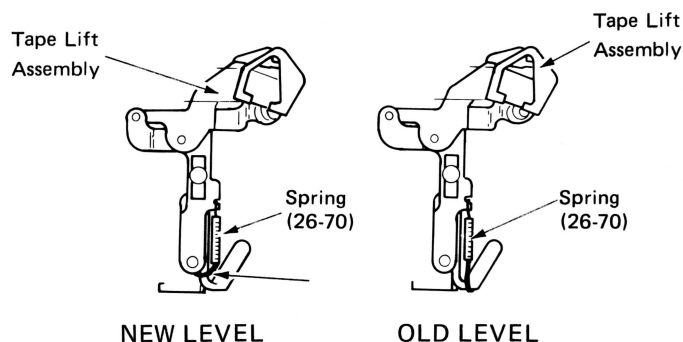
MACHINES AFFECTED:

Below Approx. S/N Type 6705: 5200621

Type(s): 6126, 6700, 6703, 6704, 6705

SUBJECT: CORRECTION LIFT GUIDE RESTORE SPRING REDESIGNED

The correction lift guide restore spring (26-70) has been redesigned to prevent the bottom loop from contacting the D.I. cable or dust shield. The new shorter spring hooks in a corner of the lift bracket as shown in Figure 1.



(Rear View)

Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
26 70	1256701	Spring	1

PARTS INFORMATION:

Current stock of the tape lift assembly (26-71) may utilize the previous level spring.

Use Applicable Service Code

Type(s): 6126, 6703, 6705

SUBJECT: MODE ACTUATING BELLCRANK AND COR- RECTION MODE LATCH—REDESIGNED

MACHINES AFFECTED:

Above Approx. S/N 6126 (8x5): 6988654; 6703: 2036200; 6705: 4508800.

The mode actuating bellcrank (26-80) and latch (26-82) have been redesigned to facilitate manufacturing. Field adjustments are not affected. The redesigned parts are not interchangeable with previous level parts. Former level parts remain available.

MECH/REF	PART NO.	DESCRIPTION	QTY.
26 80	1336752	Bellcrank	1
26 82	1336753	"Q" latch	1

Use Applicable Service Code

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: PLATEN VARIABLE—ENGAGEMENT

MACHINES AFFECTED:

Between Approx. S/N Type 6121: 1002661—1021336; 6126 (8x3): 5316190—5316490; 6126 (8x5): 6958180—6990937; 6700&6701: 0014389—0020734; 6702: 1012831—1015744; 6703: 2029754—2035306; 6704: 3017877—3021150; 6705: 4418833—4494819

Some machines were manufactured with the potential of preventing the platen driver from fully engaging the platen. This may be caused by either an interference between the cavity in the platen end plug and the washer (12-23) — fig. 1, or small pieces of plastic end plug material that may become lodged between the driver (12-24) and the end plug serrations. If experiencing this condition, clean out the platen end plug and replace the existing washer with the current smaller diameter washer PN1359915.

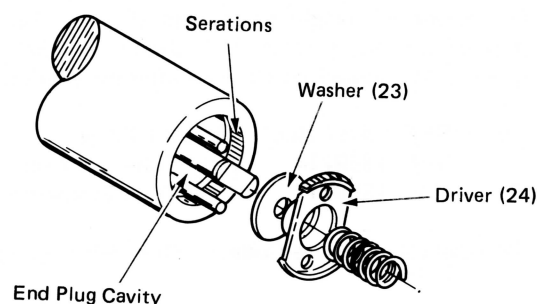


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
12 23	1359915	Washer	1

Use Service Code 33

This CEM Expires 9-8-83

493 SERVICE INFORMATION

9-8-82

Type(s): 6700, 6705

SUBJECT: APM CORRECTION - RIBBON CASSETTE

Mark the following changes to the mechanism 27 attachment of your APM.

- Change Ref. 92 to 355
- Change Ref. 19 to 314
- Change Ref. 31 to 326
- Add Ref. 58
- Add Ref. 13

RIBBON CASSETTE		MECH. CODE 27
<div style="margin-top: 10px;"> <p>102 CARRIER AND ROCKER ASM</p> <p>106 RIBBON PLATE ASM</p> <p>362 RIBBON FEED GEARS B/M</p> <p>365 LIMITING DEVICE B/M</p> <p>13-TAPE FEED B/M</p> </div> <div style="margin-top: 10px;"> <p>367</p> <p>366</p> <p>365 LIMITING DEVICE B/M</p> </div> <div style="margin-top: 10px;"> <p>SEE MECH 02</p> <p>450 TAPE GUIDE</p> <p>SEE MECH 02</p> <p>120 FIELD INSTALLED</p> <p>SEE MECH 07</p> <p>101 ESCAPEMENT BRKT B/M</p> </div> <div style="margin-top: 10px;"> <p>500 TECH III RIBBON CASSETTE</p> <p>501 CORRECTABLE RIBBON CASSETTE</p> <p>504 LIFT OFF CORRECT TAPE</p> <p>505 COVER UP CORRECT TAPE</p> </div>	<div style="margin-bottom: 10px;"> <p>Frame 314-Lift Height</p> <p>(Left Side View)</p> <p>Ribbon Cassette .045"-.055" (1.14-1.40 mm)</p> </div> <div style="margin-bottom: 10px;"> <p>Frame 315 - Lift Arm Stop (Ribbon Cassette)</p> <p>"For RC Only-Form Stop On Escapement Bracket"</p> <p>(Right Side View)</p> </div> <div style="margin-bottom: 10px;"> <p>Tape Deflector-Adjust the deflector against the tilt ring</p> </div>	

1. Attach this insert on last page of APM S241-5939-3.
2. Shaded parts are unique to Ribbon Cassette Mechanism

SUBJECT: INDEX LINK REDESIGNED

The lower end of the index link (20-403) has been changed to improve reliability. The new link utilizes an offset in place of the permanently mounted clevis. The new link may be installed by first removing the trigger restore spring (07-41). Install the offset end of the link as shown in figure 1. Then attach the clevis to the link from the top of the machine.

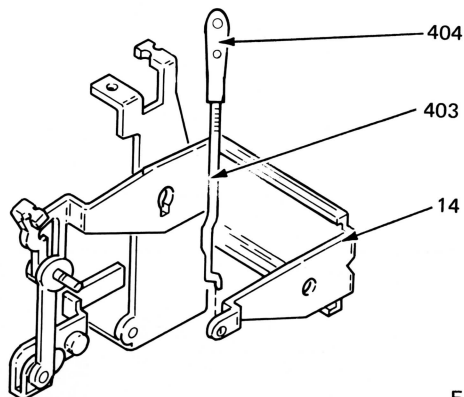


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
20	403	1336479 Link	1

PARTS INFORMATION:

The previous level link will no longer be available.

Use Applicable Service Code

SUBJECT: NEW BOTTOM COVER – PLASTIC

The Selectric III model 6705 is currently being manufactured with a black plastic bottom cover (30-155). The new plastic cover can be used as a replacement for the old metal cover.

When converting from a metal bottom cover to a plastic bottom cover, check for a possible interference between the bottom cover and the center cover. A limited number of center covers (30-156) were manufactured with a rib that may contact the front guide lug on the plastic bottom cover (Fig 1). This interference can be eliminated by filing enough material from the front bottom cover plastic guide lugs to allow proper assembly.

The metal bottom cover will remain available. The plastic bottom cover is not recommended for use with the modified government motor.

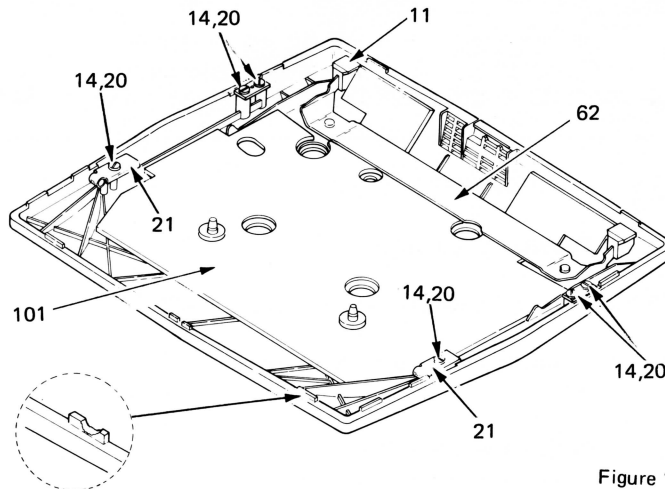


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
05	11	1359837 Pad, shock mount	1
	14	1449391 Screw	1
	20	1449391 Screw	1
	21	1359833 Upstop, cover latch	1
	62	1359836 Bracket, shock mount	1
	101	1359834 Insul, pad	1
	106	1359839 Bottom cover asm.	1
30	155	1359839 Bottom cover asm.	1

Use Applicable Service Code

496 SERVICE INFORMATION

11-22-82

Type(s): 6126 (Model 831)

(Revised) 6-1-83

**SUBJECT: ANNOUNCEMENT — IBM PERSONAL TYPE-
 WRITER MODEL 831**

The announcement of the IBM PERSONAL TYPEWRITER Model 831 is an addition to the present family of "Selectric" typewriters. This model offers a compact correcting machine with an 8.5 inch writing line.

The basic design and operation of the correction mechanism remains the same with the exception of a modified correction latch and correction torque bar assembly.

The following is a list of standard machine features:

11 Inch Paper Capacity

12 Pitch

Correction Mechanism

210 Ribbon Cassette

Pebble Gray Top/Center Cover

Charcoal Bottom Cover

54 Tooth Platen Ratchet

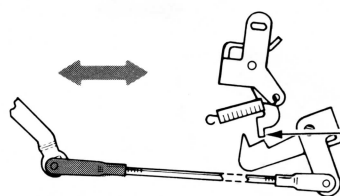
88 Character U.S. Correspondence Keyboard

Options: Carrying Case (Supply Item Only)

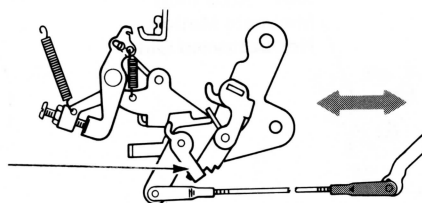
ADJUSTMENTS:

The following APM adjustment frames have been changed to incorporate the modified correction components. This CEM is to be used for adjustment reference until the next revision of the "Selectric" APM Form No. S241-5939.

Note: The Model 831 utilizes a floating torque bar (FTB).

332 Correcting Keylever Link (26-90)


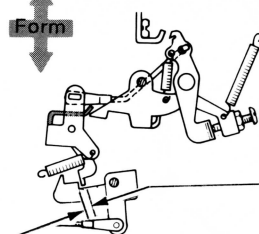
Releases At Same
 Time Or Slightly
 Before Backspace
 Cam Releases



8 X 1

333 Mode Actuating Bellcrank (26-80)

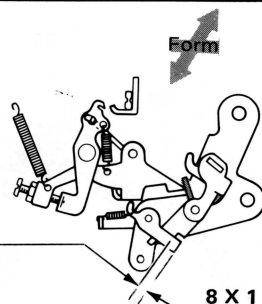
Form



Fully Operated

Check Adjustment
 On Spacebar And
 Print Escapement
 Cam Lobe

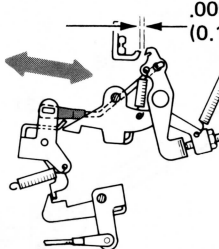
.005"-.010"
 (0.13-0.25 mm)



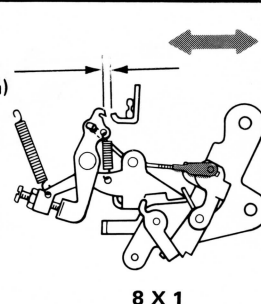
8 X 1

334 Trigger Link (26-76)

.005"-.020"
 (0.13-0.51 mm)

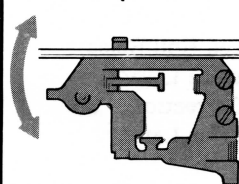


Released



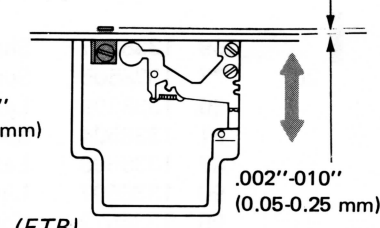
8 X 1

Note: Continue with the APM Adjustment Sequence Frames 335 thru 342 (unchanged).

343 Torque Bar Back-Up Lug (26-55)


(Pre-FTB)

(Bottom View)



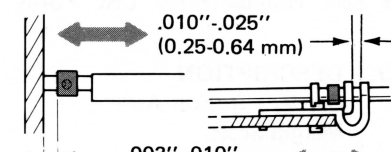
(FTB)

.001"-.006"
 (0.03-0.15 mm)

.002"-.010"
 (0.05-0.25 mm)

344 Correcting Torque Bar End Play (26-98)

.010"-.025"
 (0.25-0.64 mm)



(Pre-FTB)

(Top View — World Trade)

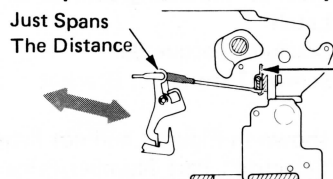
8 X 1

.003"-.010"
 (0.08-0.25 mm)

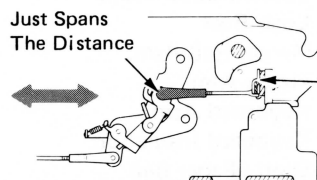
.005"-.020"
 (0.13-0.51 mm)

Note: APM frame 345 is not applicable to this model.

346 Torque Bar Link (Preliminary) (26-86)

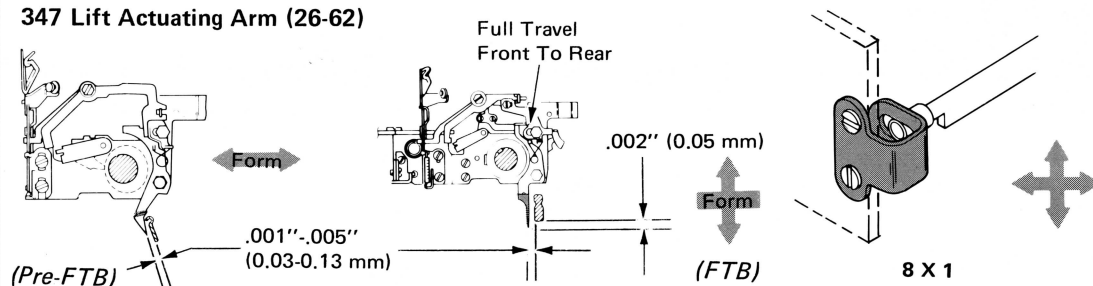
 Just Spans
 The Distance

 Torque Bar
 Vertical

 Correction Mechanism At
 Rest; Latched Condition

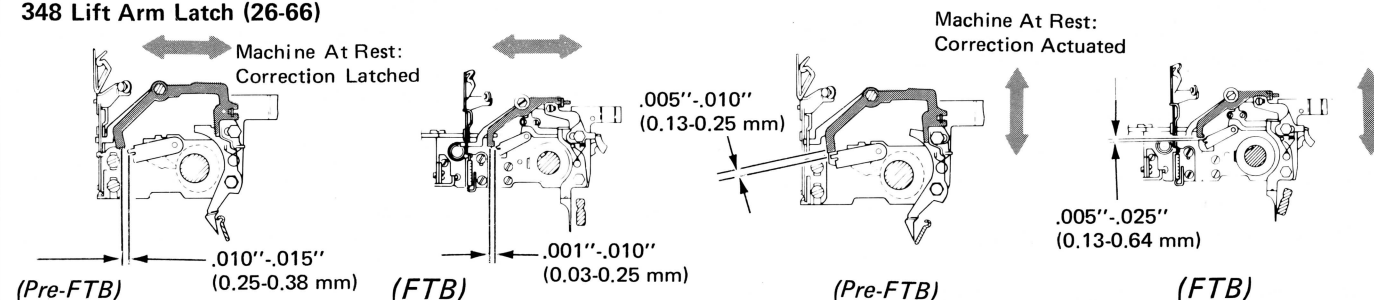
 Just Spans
 The Distance

 Torque Bar
 Vertical

8 X 1

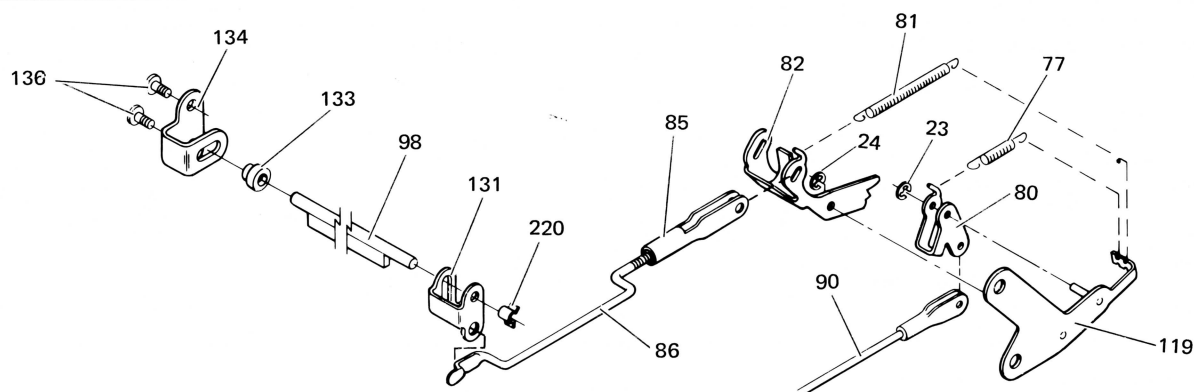
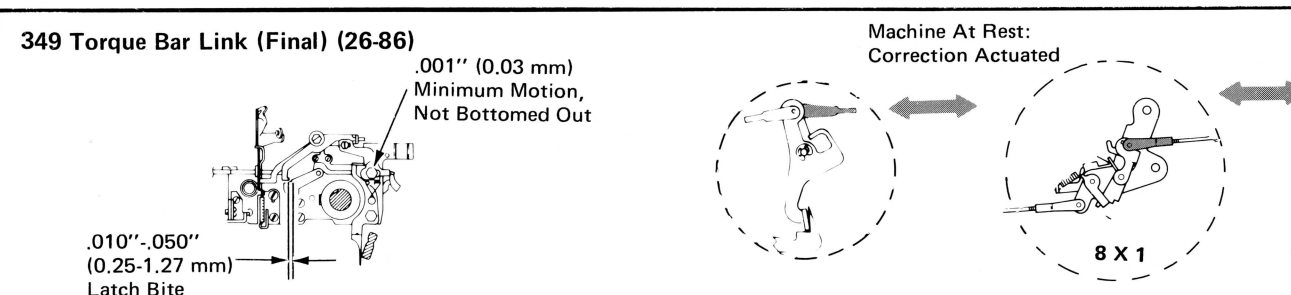
347 Lift Actuating Arm (26-62)



348 Lift Arm Latch (26-66)



349 Torque Bar Link (Final) (26-86)



PARTS INFORMATION:

It will be necessary to use this CEM as a reference until the next revision of the Part Number/Price List Form No. S241-5103.

MECH/REF	PART NO.	DESCRIPTION
02	130 1338544	Carrier / Rocker Asm.
05	48 1338520	Margin Scale
	59 1338516	Center Cover Trim
	60 1338528	Erase Table Insulation
	101 1338535	Insulation B/M
	102 1338557	Dust Cover
	106 1338553	Bottom Cover Asm.
	126 1338548	Logo Rear
09	150 1338536	Margin Rail Asm.
12	16 1338531	Platen Asm.
21	100 1338547	Keyboard Asm.
	103 1338543	Keyboard Insulation
22	53 1338514	Shaft—Paper Bail
	228 1338533	Paper Feed Asm.
	255 1338519	Plate—Paper Feed LH.

26

269	1338521	Shaft Asm—Feed Roll Release
77	1338505	Spring—Correction Lever
80	1338509	Lever—Mode Correction
81	1338504	Spring—Correction Latch
82	1338508	Latch—Correction
90	1338507	Link—Correction Mode Operating
98	1338512	Torque Bar—FTB 8 X 1
101	1338545	Logo—Top Cover
103	1338552	Top/Center Cover Asm.
119	1338518	Bracket—Mounting Correction Latch
134	1338513	Bracket—Torque Bar
136	0010170	Screw—Torque Bar Bracket

Note: Reference numbers shown in Figure I and not listed are contained in the "Selectric" Part Number/Price List.

497 RELIABILITY 1-26-83
Type(s): 6705 (Revised) 4-20-83

SUBJECT: Cycle Clutch Spring — Defective

MACHINES AFFECTED:
Between Approx. S/N 5000000 — 5264000

Some machines within the specified X/N range were manufactured with a defective cycle clutch spring (23-404). When experiencing weak cycle clutch drive and normal adjustments are not effective, replace the cycle clutch spring.

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION
23 404	1141848	Cycle Clutch Spring

Use Service Code 33 This CEM Expires 2-21-84

498 RELIABILITY 1-26-83
Type(s): 6703, 6704, 6705 (Revised) 3-9-83

SUBJECT: CORRECTION TAPE FEED CAM — DEFECTIVE

MACHINES AFFECTED:
Above Approx. S/N 6703-2034605; 6704-3020397; 6705-4474808

Some machines were manufactured with a defective correction tape feed cam (26, 27 -50) which is slightly undersized on the first high point. This condition can be observed by slowly hand cycling the correction mechanism while checking the amount of correction tape feed. The tape should feed one-third before print and two-thirds after print. Machines failing to pull enough tape during the initial feed operation will have random correction failures.

Defective correction feed cams can be replaced without removing the ribbon plate assembly by using steps 1 thru 9 (exclude step 2) of the print sleeve removal procedure in the Service Manual.

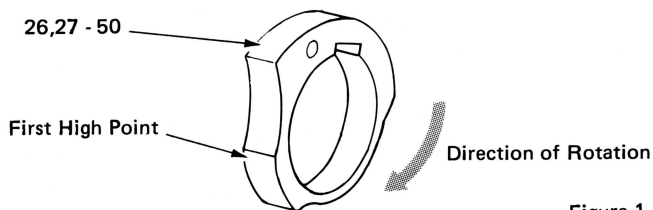


Figure 1

MECH/REF	PART NO.	DESCRIPTION
26, 27 50	1464823	Cam, Tape feed

Use Service Code 33 This CEM Expires 2-21-84

499 SERVICE INFORMATION 2-9-83
Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: SHIFT ARM PULLEY TAPE GUARD

When experiencing repeated rotate tape replacement caused by the tape becoming disengaged from the shift arm pulley, install the Mag Card velocity tape guard (25-34; P/N 1457036). Prior to installing the guard, ensure that a machine malfunction is not causing the tape problem. Install the guard as shown in figure 1.

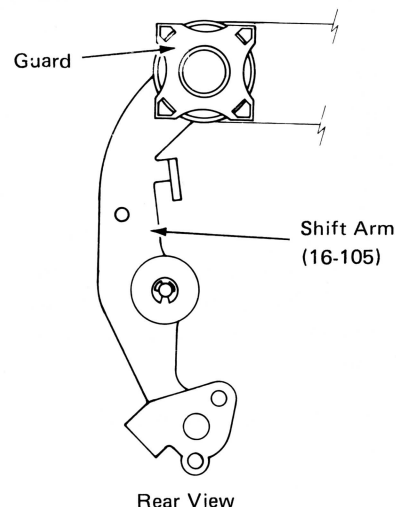


Figure 1

Use Applicable Service Code

500 RELIABILITY 2-9-83
Type(s): 6126, 6700, 6705

SUBJECT: AUTOMATED SELECTION ADJUSTMENT SYSTEM

MACHINES AFFECTED:
Between Approx. S/N Type 6126: 7010500 - 7053500; 6700: 0019100 - 0021200; 6705: 4635000 - 4665000.

Manufacturing has redesigned the rotate arm screw (23-513) and the tilt arm nut (23-20) for the purpose of using an automated selection adjustment system (Fig 1).

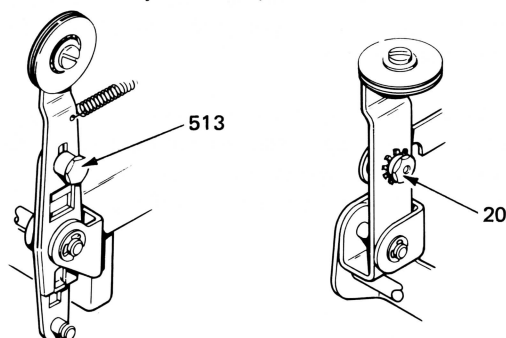


Figure 1

Continued

504 SERVICE INFORMATION

1-19-83

Type(s): 6705

SUBJECT: ANNOUNCEMENT — IBM FIFTIETH ANNIVERSARY MODEL TYPEWRITER

Announcement of a limited edition IBM Correcting "Selectric" III model 6705 typewriter. The machine will be manufactured with deep charcoal top and center covers, black bottom cover and a gold "IBM Fiftieth Anniversary Model" logo.

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION	QTY.
05	151 1338605	Top Cover	1
	170 1338606	Center Cover	1
	171 1338607	Top & Center Cover Asm.	1
	152 1338604	Logo, Fiftieth Anniv.	1

505

SERVICE INFORMATION

3-9-83

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: 54 TOOTH SELECTOR CAM LEVER — REDESIGNED

The A-Frame 54 tooth selector cam lever (20-322), stud (20-321), adjustable stud (20-325) and spring (20-323) have been redesigned to improve the stability and alignment of the index selector cam lever.

The selector cam lever (20-322) and stud (20-321) are now one piece. Additional stability is provided by the selector cam lever (20-322) interlocking with the adjustable stud (20-325). The tension spring (20-323) was modified to accommodate the adjustable stud (20-325). "C" clips (20-329) and (20-332) are not required with new level parts.

PARTS INFORMATION: The previous level parts (321, 322, 323, 325) are no longer available. New level parts are not compatible with previous level; if replacing an old level part, new level (322, 323, 325) must be installed.

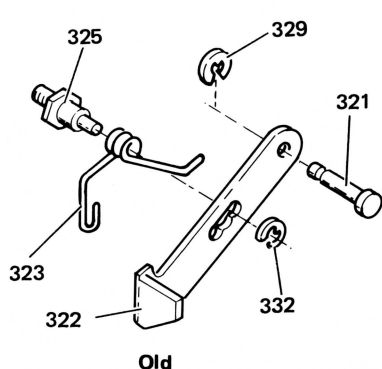


Figure 1

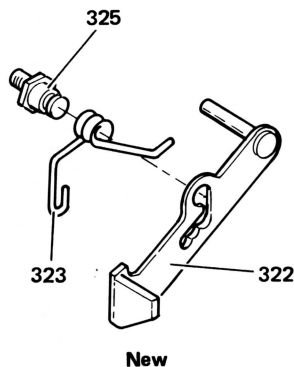


Figure 2

MECH/REF	PART NO.	DESCRIPTION	QTY.
20 322	1336760	27-T Lever	1
	1336730	54-T Lever	1
	1336751	54-T Lever-2 pos used with double index	1
323	1336732	Spring	1
325	1336731	Stud	1

Use Applicable Service Code

506

SERVICE INFORMATION

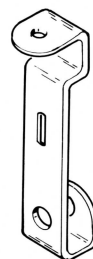
5-18-83

(Revised) 7-27-83

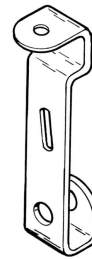
Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: TILT ARM — REDESIGNED

The Tilt Arm (23-24) has been redesigned to provide additional motion for tilt detenting. The Tilt Arm adjusting slot is now longer and machined on an angle to produce a wider adjustment range when adjusting the Tilt Link vertically. If experiencing a problem with insufficient tilt motion or unable to balance tilt detenting, install the new Tilt Arm.



Old Level



New Level

Figure 1

PARTS INFORMATION:

Previous level arm is obsolete; install new style Tilt Arm when replacing previous level.

MECH/REF	PART NO.	DESCRIPTION	QTY.
23 24	1336923	Tilt Arm	1

Use Applicable Service Code

497 RELIABILITY

01-26-83

TYPE(S): 6705

SUBJECT: CYCLE CLUTCH SPRING — DEVICE

MACHINES AFFECTED:

Between Approx. S/N 5000000 — 5264000

Some machines within the specified S/N range were manufactured with a defective cycle clutch spring (23-404). When experiencing weak cycle clutch drive and normal adjustments are not effective, replace the cycle clutch spring.

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION
23 404	1141848	Cycle Clutch Spring

Use Service Code 33

This CEM Expires 2-21-84

498 RELIABILITY

01-26-83

TYPE(S): 6703, 6704, 6705

(Revised 03-09-83)

SUBJECT: CORRECTION TAPE FEED CAM — DEFECTIVE

MACHINES AFFECTED:

Above Approx. S/N 6703-2034605; 6704-3020397; 6705-4474808

Some machines were manufactured with a defective correction tape feed cam (26, 17-50) which is slightly undersized on the first high point. This condition can be observed by slowly hand cycling the correction mechanism while checking the amount of correction tape feed. The tape should feed one-third before print and two-thirds after print. Machines failing to pull enough tape during the initial feed operation will have random correction failures.

Defective correction feed cams can be replaced without removing the ribbon plate assembly.

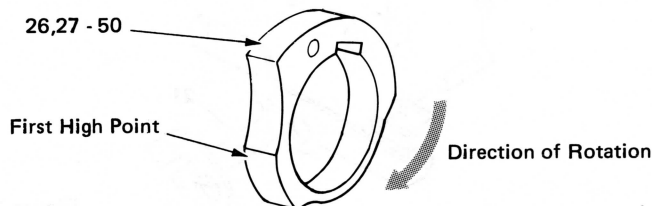


Figure 1

MECH/REF	PART NO.	DESCRIPTION
26, 27 50	1464823	Cam, Tape feed

Use Service Code 33

This CEM Expires 2-21-84

499

SERVICE INFORMATION

02-09-83

(Revised) 06-25-84

TYPE(S): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: SHIFT ARM PULLEY TAPE GUARD

To reduce repeated rotate tape replacement caused by the tape becoming disengaged from the shift arm pulley, the Mag Card velocity tape guard (25-34; P/N 1457036). may be installed. Prior to installing the guard, ensure that a machine malfunction is not causing the tape problem. Install the guard as shown in figure 1.

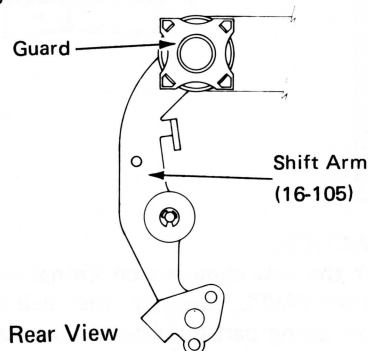


Figure 1

NOTE: Due to a tolerance build-up of the related parts (shift pulley, rotate tape and velocity guard), a binding condition may occur on some machines. Reducing the length of the velocity guard tips by sanding, filing, etc., will reduce the binding condition.

Use Applicable Service Code

500

RELIABILITY

02-09-83

TYPE(S): 6126, 6700, 6705

SUBJECT: AUTOMATED SELECTION ADJUSTMENT SYSTEM

MACHINES AFFECTED:

Between Approx. S/N Type 6126: 7010500 - 7053500; 6700: 0019100 - 0021200; 6705: 4635000 - 4665000.

Manufacturing has redesigned the rotate arm screw (23-513) and the tilt arm nut (23-20) for the purpose of using an automated selection adjustment system (Fig 1).

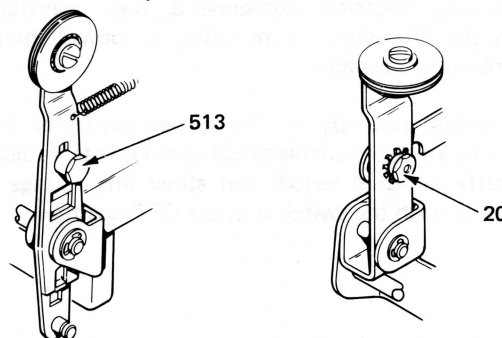


Figure 1

Continued

Compression springs were also designed to replace the shift arm stop screw lock nut (16-100) and the negative bail adjusting screw lock nut (23-217, Fig 2). However, due to manufacturing problems, the use of the compression springs has been discontinued.

A limited number of machines have reached the field with compression springs that may allow the stop screw(s) to move. If experiencing problems with varying selection adjustments, install the appropriate lock nut (16-100) or (23-217) to correct this condition.

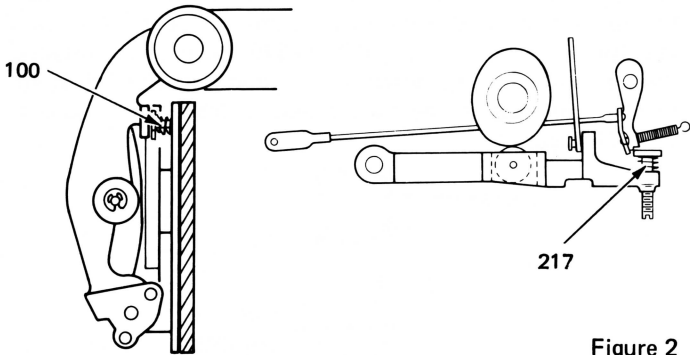


Figure 2

PARTS INFORMATION:

Part numbers for the new compression springs will appear in the next "Selectric" PN/PL, however, they will not be available. Compression spring part numbers will be subbed to the respective lock nut.

Previous level parts (23-20, 513) may be used in place of the new level parts.

MECH/REF	PART NO.	DESCRIPTION	QTY.
23	20 1336774	Nut, Tilt Arm	1
	513 1336773	Screw, Rotate Arm	1

Use Service Code 33 This CEM Expires 2-15-84



(Revised) 05-18-83

TYPE(S): 6126, 6700, 6701, 6702, 6703, 6704, 6705, 6721

SUBJECT: ELECTRICAL SAFETY PRECAUTION

When replacing electrical components (i.e.: transformers, motor) on the "Selectric" Typewriter, all power should be removed from the machine.

The CSR should not rely on the power switch to remove hazardous line voltage from electrical components. A defective or improperly adjusted switch can allow line voltage to be present even though the switch is in the OFF position.

502 RELIABILITY

02-23-83

TYPE(S): 6121, 6701

SUBJECT: FABRIC RIBBON LIFT GUIDE – IMPROVED

MACHINES AFFECTED:

Between Approx. S/N Type 6121 (Model 721): 1006787–1037258; 6701: 0015029 – 0049086.

A number of machines were manufactured with defective fabric ribbon lift guide (13-37) rivets (Fig. 1). The rivet hardness and assembly method were changed to reduce breakage. If experiencing ribbon lift failures, check for either a loose or broken rivet and replace the lift guide assembly as necessary.

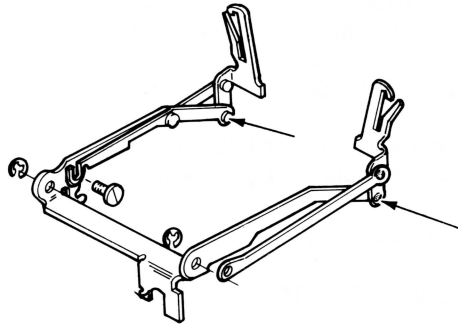


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
13 37	1128289	Guide Assembly	1

Use Service Code 33 This CEM Expires 2-15-84

503 SERVICE INFORMATION

02-23-83

TYPE(S): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: INDEX CONVERSION B/M (54 to 27 Tooth) – NEW

A B/M is now available to convert the 54 tooth solid roller detent (CEM 473) to 27 tooth indexing without changing the detent assembly. The B/M contains a roller (20-19) and shaft (20-20) that can be substituted for the solid roller. All parts necessary to complete the conversion are contained in the B/M.

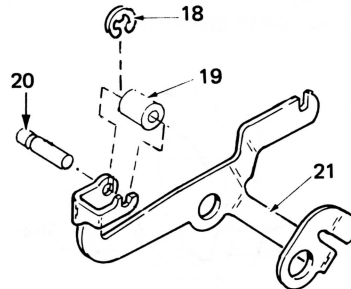


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
20	19 1279507	Roller, 27T	1
	20 1279506	Shaft, 27T	1
	516 1279508	B/M, 54T to 27T	1

Use Applicable Service Code

504 SERVICE INFORMATION

1-19-83

Type(s): 6705

SUBJECT: ANNOUNCEMENT – IBM FIFTIETH
ANNIVERSARY MODEL TYPEWRITER

Announcement of a limited edition IBM Correcting "Selectric" III model 6705 typewriter. The machine will be manufactured with deep charcoal top and center covers, black bottom cover and a gold "IBM Fiftieth Anniversary Model" logo.

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION	QTY.
05 151	1338605	Top Cover	1
170	1338606	Center Cover	1
171	1338607	Top & Center Cover Asm.	1
152	1338604	Logo, Fiftieth Anniv.	1

505 SERVICE INFORMATION

3-9-83

Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: 54 TOOTH SELECTOR CAM LEVER –
REDESIGNED

The A-Frame 54 tooth selector cam lever (20-322), stud (20-321), adjustable stud (20-325) and spring (20-323) have been redesigned to improve the stability and alignment of the index selector cam lever.

The selector cam lever (20-322) and stud (20-321) are now one piece. Additional stability is provided by the selector cam lever (20-322) interlocking with the adjustable stud (20-325). The tension spring (20-323) was modified to accommodate the adjustable stud (20-325). "C" clips (20-329) and (20-332) are not required with new level parts.

PARTS INFORMATION: The previous level parts (321, 322, 323, 325) are no longer available. New level parts are not compatible with previous level; if replacing an old level part, new level (322, 323, 325) must be installed.

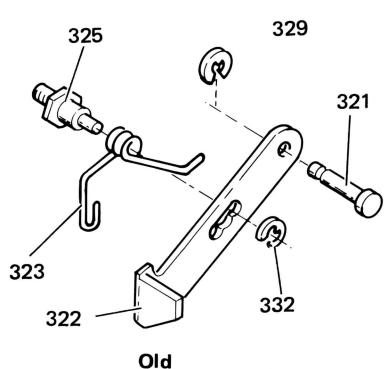


Figure 1

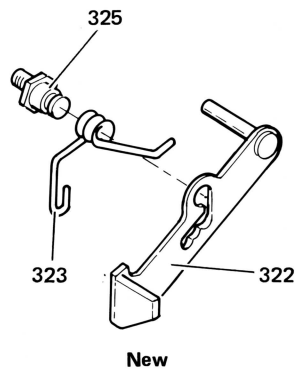


Figure 2

MECH/REF	PART NO.	DESCRIPTION	QTY.
20 322	1336760	27-T Lever	1
	1336730	54-T Lever	1
	1336751	54-T Lever-2 pos used with double index	1
323	1336732	Spring	1
325	1336731	Stud	1

Use Applicable Service Code

506 SERVICE INFORMATION

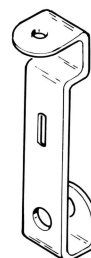
5-18-83

(Revised) 7-27-83

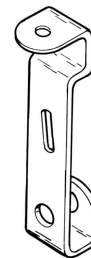
Type(s): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: TILT ARM – REDESIGNED

The Tilt Arm (23-24) has been redesigned to provide additional motion for tilt detenting. The Tilt Arm adjusting slot is now longer and machined on an angle to produce a wider adjustment range when adjusting the Tilt Link vertically. If experiencing a problem with insufficient tilt motion or unable to balance tilt detenting, install the new Tilt Arm.



Old Level



New Level

Figure 1

PARTS INFORMATION:

Previous level arm is obsolete; install new style Tilt Arm when replacing previous level.

MECH/REF	PART NO.	DESCRIPTION	QTY.
23 24	1336923	Tilt Arm	1

Use Applicable Service Code

507 SERVICE INFORMATION

8-10-83

Type(s): 6126 (Model 831)

SUBJECT: PLASTIC BOTTOM COVER - PERSONAL TYPEWRITER

The IBM Personal Typewriter is now being manufactured with a plastic bottom cover. The new plastic bottom cover is interchangeable with the previous level metal bottom cover.

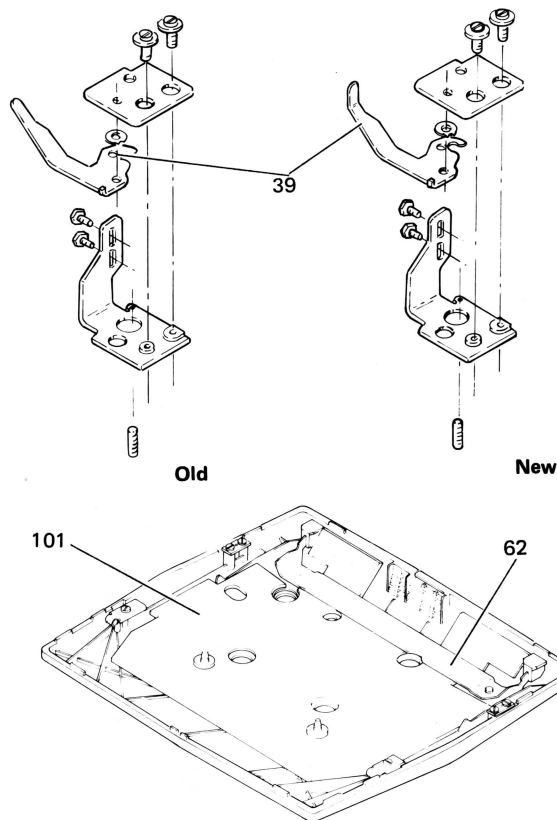


Figure 1

PARTS INFORMATION:

A new level Latch Lever (05-39) must be installed when converting from metal to plastic bottom cover (8 x 1).

MECH/REF	PART NO.	DESCRIPTION	QTY
05	39 1338574	Lever, latch (8 x 1)	1
	62 1338572	Bracket, shock mount	1
	101 1338573	Insul, pad	1
	106 1338577	Bottom cover asm.	1

Use Applicable Service Code

508 SERVICE INFORMATION

11-16-83

Type(s): 6126

SUBJECT: 15" PRE-FLOATING TORQUE BAR REDESIGNED

The Pre-Floating torque bar P/N 1206100 has been replaced by a B/M. The new B/M includes a Mag Card torque bar and two clips. When installing the B/M, remove the Mag Card torque bar spring anchor and install the new link mounting clip (Fig 1). A clip is included which should be used to control torque bar end play.

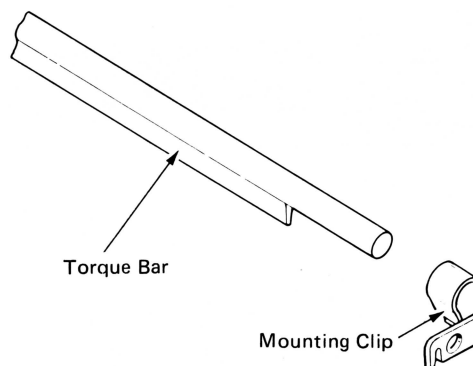


Figure 1

NOTE: After removing the Mag Card torque bar spring anchor, use a file to remove sharp edges.

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION	QTY
26	98 1279531	Torque Bar B/M	1

Use Applicable Service Code.

509 RELIABILITY

11-30-83

Type(s): 6126, 6700, 6701, 6705

SUBJECT: TRANSPORT PULLEY BRACKET - DEFECTIVE

MACHINES AFFECTED:

Between Approx. S/N Type 6126: 7126000-7165000; 6700: 0034350-0039800; 6701: 0059800-0069650; 6705: 4762000-4840200; 6705: (Anniversary Model) 0504340-0507200.

On the next service call check for cracks in the area indicated (Fig. 1). Also, examine the nut for two peen marks in the area of the pulley stud threads which are necessary to keep the nut tight. Replace the transport bracket assembly if cracks are found or the peen marks are missing.

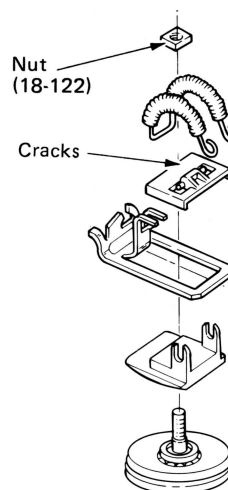


Figure 1

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION	QTY
18	130 1205784	Pulley & Brkt Asm	1

Use Service Code 33

This CEM expires 12-1-84

510 SERVICE INFORMATION 04-30-84

TYPE(S): 6126

SUBJECT: PAPER RELEASE LEVER

Due to a manufacturing and tooling problem, the Tie Rod Paper Release Lever (22-60) P/N 1204282 will be unavailable for approximately 4-6 months. The "A" Frame Paper Release Lever (22-267) P/N 1256715 can be used in place of P/N 1204282. Check adjustment frame 255 and adjust if necessary.

Use Applicable Service Code.

511. SERVICE INFORMATION 08-20-84

TYPE(S): 6705

SUBJECT: NON-LIGHTED MARGIN SCALES

The "Selectric" III typewriter model B01, available to government only, has been modified to include a non-lighted margin scale. Margin lamps, switches and associated hardware have been eliminated, and the "Selectric" II motor (11-40) is used.

PARTS INFORMATION

The 6705 Standard (A01) and Custom (K01) models continue to include lighted margin as a standard feature.

MECH/REF	PART NO.	DESCRIPTION	QTY.
05 145	1254874	Margin scale, D. P. non-lighted	1
171	1338613	Cover, top & center (Topaz Bronze)	1
151	1338617	Cover, top (Topaz Bronze)	1

Use Applicable Service Code.

512 SERVICE INFORMATION 08-20-84

TYPE(S): 6121, 6126

SUBJECT: SPACEBAR LATCH ASSEMBLY

The Spacebar Latch Assembly (17-300) is now assembled with a replaceable latch link for use in the Personal typewriter. Should replacement of the latch link become necessary, a B/M is available which contains the link, a washer and a retaining clip.

PARTS INFORMATION:

The new latch link B/M can be installed on non-rotary backspace machines (7X1, 8X1) without removing the latch assembly.

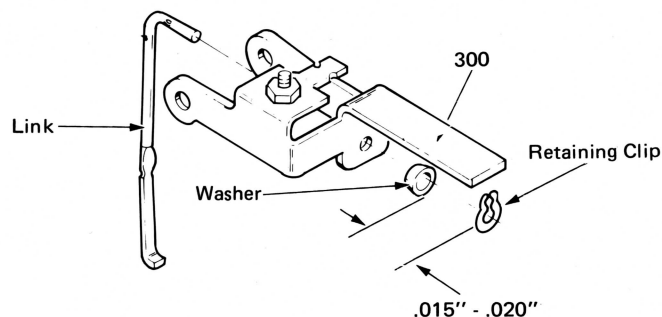


Figure 1

NOTE: Maintain a .015" - .20" clearance between the washer and retaining clip.

MECH/REF	PART NO.	DESCRIPTION	QTY.
17 300	1359885	Latch asm	1
405	1359886	B/M, latch link	1

Use Applicable Service Code.

513 SERVICE INFORMATION 09-17-84
 (Revised) 10-15-84

TYPE(S): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: DETENT ACTUATING LEVER — REDESIGNED

The Detent Actuating Lever (02-524) has been redesigned to provide additional clearance between the actuating lever and the correcting tape Lift Cam Follower Stud (26-49). This was accomplished by moving the Detent Actuating Lever mounting hole to one side (off-center). The new lever, plated with Yellow Chromate, can be installed on any "Selectric" typewriter.

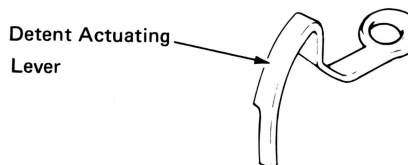


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
02 524	1359999	Lever	1

Use Applicable Service Code.

TECHNICAL INFORMATION INDEX

The Technical Information Index (TII) is an index for locating current service information. It is also an index for locating current Safety CEM's (denoted by shading). If the information is in the "Combined Service Information Booklet," the TII will indicate "CSI" and the page and item number. If the information is in a current CEM, "CEM" will be indicated in the current publications column and the CEM number under the CEM column.

Abbreviations used in the Technical Information Index:

APM — Adjustment Parts Manual
CEM — Customer Engineers Memorandum
CSI — Combined Service Information
SA — Service Aids

SHP — Shop Manual (F/N Z241-6670)
SM — Service Manual
TYP — Type Catalog (F/N S241-5687)

This TII should be filed as the first page of CEM's. This TII includes CEM's through No. 513.

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GENERAL			
493	CEM	APM Correction — Ribbon Cassette	
433	APM	Adjustment Parts Manual (241-5939-2) Correction	
422	CEM	Announcement IBM "Selectric" III Typewriter	
496	CEM	Announcement — IBM Personal Typewriter Model 831	
504	CEM	Announcement — IBM Fiftieth Anniversary Model	
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444	TC	Custom Keybuttons	
85	CSI	Dynamic Half Cycle Tool	1-8
	CSI	Front Feed Roll Adjusting Screw Wrench	1-2
	CSI	Installing Small Nuts On Splined Screws	1-4
	CSI	Keybutton Removal Tool	1-7
	CSI	Keylever Pawl Restoring Springs Installation	24-4
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418	CSI	Motor Label	30-1
311	CSI	Operational Keybuttons — Damaged	1-1
462	PNM	PN/PL Correction	
90	CSI	Power Cleaner — Overheating	1-6
381	SM	Rotate Selection Adjusting Tool (P/N 9900633)	
311	CSI	Skirt Clearance Adjustment — Accessibility	1-5
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178	CSI	Type Element — Bookface Academic	2-4
	CSI	Type Element — Dual Gothic 72	2-2
	CSI	Type Element — 1428 Optical Scanning	2-3
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466	CEM	APM Correction — Backspace	
426	CEM	Backspace Driver Mtg. Stud — B/M	
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144	APM	Cable Clamp (RB) — Locating Lug	
302	CSI	Cam Follower, SP — Strengthened	3-6
	CSI	Cam Pawl Wear — Space/Backspace	2-5
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265	APM	Half Backspace — Level 2	
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	CSI	Pawl Replacement Procedure	17-2
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458	CSI	Rotary Backspace Bellcrank Stop — Level 1 Field Fix	4-2
185	CSI	Rotary Backspace Bellcrank Stud	2-7
311	CSI	Rotary Backspace Drum — Removal	3-2
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320	CSI	Carrier Buffer — Field Installed	7-3
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168	APM	Carrier Pointer — Ridged	
311	CSI	Carrier Replacement — Service Tip	5-7
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	.CSI	Margin Trim - Installation	16-5
	.CSI	Margin Trim - Scratched	16-6
330	APM	Membrane Support - Foam Rubber	
439	.CSI	Motor Vent Grill - Double Insulation Breaks	15-4
325	.CSI	ON/OFF Button Jammed - Sound Pack	16-3
476	CEM	Page End Indicators - Removal Of Extension	
171	APM	Paints Discontinued - Rel Tex.	
154	APM	Paints, New - Willow Green And Classic Blue	
62	.CSI	Paper Table And Margin Scale Graphics	14-1
507	CEM	Plastic Bottom Cover - Personal Typewriter	
	.CSI	Service History Insert	14-4
87	APM	Shock Mounts - Loose - Oversized Available	
196	APM	Sound Reduction Package FI B/M	
	.CSI	Top Cover Bracket	14-7
339	.CSI	Top Cover Hinge - Redesign	14-8
475	CEM	Top Cover Jammed - Sound Reduction Machines	
419	.CSI	Top Cover Latch - Shock Mounts	15-9
348	.CSI	Top Cover Latch - Strengthened	15-2
	.CSI	Top Cover Pin	15-3
326	.CSI	Vent Grills And Platen Knobs - Black	15-1
361	APM	Vent Grills (7XX)	
133	APM	Warning Label - Operator	
DEAD KEY			
296	.CSI	Dead Key Cable Breaking - Correcting	16-5
	.CSI	Dead Key Cable - Operational Shaft Wear	16-6
	.CSI	Dead Key, Dead Key Disconnect - Explanation	16-4
26	APM	Dead Key Disconnect - Adjustment	
102	APM	Dead Key Disconnect B/M - Field Service	

CEM No.	Current Pub.	Subject	CSI Page/Item
ESCAPEMENT			
334	.SM	Adjustment Procedure - Escapement	
479	CEM	Escapement Bracket (RB/S) Defective	
415	.CSI	Escapement Bracket - Washer/Clip Added	49-3
	.CSI	Escapement Failures - Old Machines	17-6
460	.CSI	Escapement Pawl Mounting Stud - Redesign	19-5
232	APM	Escapement Rack And Sector Gear - Wear	
383	.CSI	Escapement Racks - Soft	19-4
332	.CSI	Escapement Rail (DP) - Polyester	19-1
	.CSI	Escapement Shaft Bearing Binds	17-4
	.CSI	Pawl Replacement Procedure	17-2
91	APM	Nine Pitch 7X1 - Parts	
459	CEM	Pawl Mounting Stud	
137	APM	Pawl Mounting Stud - Diameter Decreased	
	.CSI	Pawl Spring Replacement	17-3
	.CSI	Pawl Wear - Diagnosis	17-1
136	APM	Sector Gear And Switch Pitch Lever - Redesign	
335	.CSI	Single Pitch - Rotary Backspace - New	19-2
159	.CSI	Skipping - Dual Pitch	17-1
83	.CSI	Skipping - New Trigger Mechanism	19-6
276	.CSI	Skipping - Single Pitch	17-1
	.CSI	Space To Print - Service Tips	17-7
346	.CSI	Torque Bar Backup Screw Nut - Eliminated	19-3
284	APM	Torque Bar Backup Stud - Center	
243	APM	Torque Bar Backup Stud - Left Side	
199	APM	Torque Bar Backup Stud, Pawl Mounting Stud - New	
66	APM	Trigger Assembly - Simplified	
	.CSI	Trigger Height - Varies	17-5
219	APM	Trigger Mounting Stud - Field Replaceable	
FRAME			
92	.CSI	Center Bearing - Replacement Procedures	20-1
474	CEM	"Selectric" III Incorrect Machine Type Code	
INDEX			
295	APM	Adjustment Procedure	
473	CEM	Detent Arm And Roller 54T - Redesign	
314	.CSI	Double Index Mechanism	21-3
365	.CSI	Double Index - Plant Installed	22-3
155	APM	Conversion B/M 54T	
503	CEM	Index Conversion B/M - 54 To 27 Tooth	
358	APM	Index Conversion B/M - 54 To 27 Tooth	
262	.CSI	Index Failures	20-2
356	APM	Index Overthrow Stop - Redesign	
494	CEM	Index Link - Redesign	
414	.CSI	Index Pawl And Ratchet Alignment	20-3
298	APM	Index Pawl Assembly Stud - Field Replacement	
333	.CSI	Lower Index "C" Clip - Redesign	22-1
110	APM	Platen Detent, 54T - Redesign	
	.CSI	Platen Detent Identification	21-2
453	CEM	Platen Detent - Interference	
505	CEM	Selector Cam Lever, 54 Tooth - Redesign	
448	.CSI	Stop - Selector Cam Lever Mounting Bracket - "A" Frame with Double Index	22-4
341	.CSI	Transfer Bellcrank - Redesign	22-2
307	.CSI	Transfer Bellcrank Stop Lug - Wear	20-4
215	.CSI	2 - 2 1/2 - 3 Lines Per Inch - SER	21-1
	.CSI	Weak Index	20-2
KEYBOARD			
364	.CSI	Carrier Return Interlock Clip - Redesign	10-3
	.CSI	Compensator Tube Adjustments - Old Level	24-1
89	APM	Compensator Tube End Plug - Wedge Type	
444	TC	Custom Keybuttons	
81	APM	Cycle Clutch Bail Dampers - Spring	
	.SM	Cycle Clutch Keeper Adjustments	
69	.CSI	Cycle Clutch Latch Restoring Springs	23-6
	.CSI	Cycle Clutch Link Binds	23-7
452	.CSI	Dual Impression Cam/Mounting Bracket - Interference	24-6
	.CSI	Flicking	23-2
	.CSI	Interposer Restoring Spring - Replacement	23-9
	.CSI	Interposer Sliding Off Filter Shaft	24-2
484	CEM	Keyboard Damper Spring - Changed	
	.CSI	Keyboard Insulation	24-5
266	.SM	Keyboard Out Of Position	
153	APM	Keyboard Side Frame - Redesign	
478	CEM	Keyboard Touch Problems	

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	.CSI	Keybutton Removal Tool	1-7
	.SM	Keybutton Replacement	
	.CSI	Keylever Forming Tool Hoovermeter	23-12
	.CSI	Keylever Pawl Breakage - Auto Operation	23-11
487	CEM	Keylever Pawl B/M	
	.CSI	Keylever Pawl Restoring Springs Installation	24-4
	.SM	Keylever Removal	
	.CSI	Keylever Restoring Spring - Lubrication	23-10
	.CSI	Keylever Side Play	23-3
	.CSI	Keylever Springs - Replacement	23-13
	.CSI	Keylever Tension Springs - Installation	23-8
47	.CSI	Loose Keyboards	23-5
	.CSI	Manual Velocity Control - Binds	25-3
	.CSI	Operational Keybuttons - Damaged	1-1
446	.CSI	Replacing Broken "Selectric" Latch Links	45-10
382	.CSI	Repeat Row Four Keylever - Plant Installed	25-2
463	CEM	Screws Changed In Cycle Clutch Bracket	25-1
152	APM	Selector Latch Interposer And Bail - Redesign	
	.SM	Slow Or Hard Keyboards	
73	APM	Spacebar - Spring Loaded	
	.CSI	Touch Problems	23-1
277	.CSI	Touch Problems - Oversized Compensator Tube	24-3
MARGIN, LINELOCK AND BELL			
	.CSI	Bell Mounting Stud - Field Replacement	25-8
449	CEM	Bellringer Bellcrank - Redesign	27-3
387	.CSI	Bellringer Bellcrank - Unwanted Correction	26-3
383	.CSI	Escapement Rack - Soft	19-4
173	APM	Margin Assembly, RH (DP) - Roller	
254	APM	Margin Lever (8XX And 7XX) - Redesign	
	.CSI	Margin Lever Replacement	25-6
	.CSI	Margin Pin And Slider Removal And Installation	25-7
411	.CSI	Margin Rack Gear	27-2
408	.CSI	Margin Rack - Single Pitch (Rotary B/S)	27-1
233	APM	Margin Rack (SP) - Redesign	
343	.CSI	Margin Rack Toggle Spring - Removed	26-1
469	CEM	Margin Set Levers	
194	.CSI	Margin Sliders Binding	25-3
	.CSI	Margin Stops Binding	25-4
91	APM	Nine Pitch 7X1 - Parts	
511	CEM	Non-Lighted Margin Scales	
TIP	.CSI	Overbank Adjustment - Simplified	26-5
384	.CSI	Pointers, "Selectric" II - Redesign	26-2
136	APM	Sector Gear And Switch Pitch Lever - Redesign	
	.CSI	Switch Pitch Gear Adjustment - Margin	25-5
472	CEM	Transformer Motor - "Selectric" III	
391	.CSI	Uneven Left Margin	26-4
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186	.CSI	Capacitor Boot - "A" Frame	29-2
455	CEM	CE Safety Exposure	
213	.CSI	Double Insulation - Motor Vent Grill	15-4
176	.CSI	Double Insulation - Recon "Selectrics"	29-3
246	APM	Drive Belt - Fiberglass	
268	.CSI	Idle Noise	28-3
104	APM	Keybutton Stud - On/Off/Tab	
267	APM	Linecord B/M	
52	.CSI	Linecord, Switch And Motor Lead Routing	28-2
389	.CSI	Machine Idle Noise	28-3
501	CEM	Electrical Safety Precautions	
454	.CSI	Motor And Drive Double Insulation System	30-6
122	.CSI	Motor And Vent Grill - Redesign	29-4
	.CSI	Motor Binds	29-6
	.CSI	Motor Clutch Springs - Tension	28-7
234	APM	Motor Clutch - Wider Pawl Surface	
	.CSI	Motor Heat	28-4
418	CEM	Motor Label	
264	APM	Motor Mounting Bracket	
134	APM	Motor Mounting Bracket - Overhead Wires	
	.CSI	Motor Noise - Worn Pulley Bushing	28-8
436	.CSI	Motor Pawl Asm. - Washer Added	30-4
	.CSI	Motor Pulley And Belt Wear	28-8
405	.CSI	Motor Pulley And Pawls - Defective	29-7
165	.CSI	Motor Replacement Procedure	27-4
	.CSI	Motor Shaft - Spiral Groove	28-6
378	.CSI	Motors - Longer Shafts	29-5
388	PNM	Motors - Mounts	
	.CSI	Motor - Thermal Protected	28-1
439	.CSI	Motor Vent Grill Extension - Breaks	15-4
338	.CSI	Stalling During Corrections	13-2
	.CSI	Static Sparks	28-5

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341.	APM	Switch Bracket — Redesigned	
239.	CSI	Switch Wires Loose — Quick Wire Switch	29-1
423.	CSI	Transformer Housing And Line Cord Plate — Wire Tie	30-2
472.	CEM	Transformer Motor — "Selectric" III	
437.	CSI	Transformer Replacement — Wire Routing	30-5
326.	APM	Vent Grill And Platen Knobs — Black 8XX	
OPERATIONAL CONTROL			
302.	APM	Backspace Cam Follower (SP) — Strengthened	
70.	CSI	Cam Assembly Setscrew — Loosening	32-2
357.	APM	Cam Follower Oil Wick	
301.	SM	Cam Follower Replacement — Procedure	
319.	SM	Cam Follower Roller — Field Replacement	
240.	CSI	Cam Not Releasing	31-7
	CSI	Cam Pawl Installation	31-4
108.	CSI	Cam Pawl Spring Installation	31-5
488.	CEM	Carrier Return Operational Cam Pawl — Defective	33
	CSI	Check Pawl Spring Installation	32-1
251.	CSI	Extra Operations — Unwanted	31-2
372.	APM	Index Multiplying Lever Mtg. Stud B/M	
	SM	Interposer Height Adjustment	
158.	CSI	Interposer Latch — Burr	31-1
	CSI	Interposer Latch Replacement	31-3
351.	CSI	Interposer Restoring Bail Retainers	32-7
345.	CSI	Latch Wheel — Wearing	32-6
431.	CEM	Multiplying Lever Mounting Stud B/M	
370.	APM	Operational Interposer Restoring Bail — Redesigned	
	SM	Operational Shaft Removal Technique	
434.	CEM	Operational Shaft Support — Index Motion	
289.	APM	Operational Shaft Support — New	32-3
	CSI	Pinion Wear	31-8
	CSI	Torque Limiter And Tab Governor — Adjustment	32-5
362.	CSI	Torque Limiter Arbor — Defective	33-1
421.	CSI	Torque Limiter Hub And Spring Clamp — Redesigned	33-3
379.	CSI	Torque Limiter Hubs — Defective	33-2
461.	CEM	Torque Limiter Hub — Defective	
	CSI	Torque Limiter Lubrication	32-4
PACKING			
389.	CSI	Motors, Shipping Bumper	28-3
PAPER FEED			
127.	APM	"A" Frame Paper Feed — Announced	
191.	CSI	"A" Frame — Removal And Conversion	33-7
465.	CSI	"A" Frame Replacement On Pre-Eccentric Overthrow Stop Machines	33-7
280.	APM	Anchor Rod Bushing — Pinfeed — Polyester Covers — 7XX	
327.	APM	Cardholder Bracket — Universal (Noncorrecting)	
271.	APM	Cardholder, D-Shaped — Correcting	
250.	APM	Cardholder, Material Changed — Correcting	
230.	APM	Cardholder Popping Out, Correcting — Dimples Added	
220.	APM	Cardholder — Universal 10P And 12P	
	CSI	Continuous Forms — Lateral Control	34-6
473.	CEM	Detent Arm And Roller SAT — Redesigned	
	CSI	Endless Forms	34-5
	CSI	Front Feed Roll Adjusting Screw Wrench	1-2
282.	APM	Handicapped Platen Knob	
309.	CSI	Linespacing Erratic — Pinfeed Platen	35-3
278.	APM	Page End Indicator — New Bias Spring	
297.	CSI	Paper Bail Arm And Platen Knob Screw — Loose	34-8
424.	CSI	Paper Bail Arm Screws — Redesigned	36-3
409.	CSI	Paper Bail Arm Spring — Incorrect	36-2
359.	CSI	Paper Bail Arms — Universal	35-2
210.	CSI	Paper Bail — Twisted	34-2
510.	CEM	Paper Release Lever	
485.	CEM	Paper Release Lever — Redesigned	
	CSI	Pinfeed Core Key	34-3
105.	CSI	Pinfeed Core — Level 2	34-4
390.	CSI	Pinfeed Platen — "D" Shaped Pins	35-5
59.	APM	Pinfeed Platen — Level 2 (140 Pins)	
489.	CEM	Pinfeed Platen Pin — Redesigned	
447.	CEM	Pinfeed Platen Support B/M	
288.	APM	Pinwheel Assemblies — High Lift Cam	
164.	APM	Pinwheel Assemblies — Plastic Pins	
151.	APM	Pinwheel, Platen Core Key Larger	
126.	APM	Platen Bushing — Oversize Available	
366.	CSI	Platen Court Reporting — Identification	35-4
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377.	CSI	Platen Knobs	36-1
287.	APM	Platen Knobs And Vent Grills — Black 7XX	
326.	APM	Platen Knobs And Vent Grills — Black 8XX	
	CSI	Platen Latch Adjustment	33-4
210.	CSI	Platen Removal — Correcting "Selectric"	34-1
	CSI	Platen Substitution On 8X3 Machines	35-6
	CSI	Platen Walks Out Of Latches — Bushing Bind	33-5
492.	CEM	Platen Variable — Engagement	
205.	APM	Print Shield — Correcting	
1.	CSI	Print Shield — Non-Correcting, Removable	34-1
353.	CSI	Soft Feed Rolls — Marking Original	35-1
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		(See Paper Feed)	
RIBBON CASSETTE			
481.	CEM	Announcement/Discontinuance — IBM "Selectric" III	
482.	CEM	Announcement — IBM 210 Correctable Ribbon Cassette — IBM 800T — III Ribbon Cassette	
486.	CEM	"Selectric" III Ribbon Cassette — Noise	
493.	CEM	APM Correction — Ribbon Cassette	
PLATEN			
		(See Paper Feed)	
RIBBON, FABRIC			
435.	CSI	Fabric Ribbon Reverse Failures — Plate	37-9
502.	CEM	Lift Guide — Fabric Ribbon — Improved	
	CSI	Lift Guide Interference	37-10
	CSI	Load Lever — Excessive Motion	37-6
	CSI	Ratchet Detent Lever — Redesigned	37-7
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	CSI	Reverse Failures — Brake Tension	37-4
	CSI	Reverse Failures — Lift Lever Interference	37-1
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	CSI	Reverse Interposer Spring Tension	37-2
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182.	APM	Selective Ribbon To Fabric Ribbon — Parts	
RIBBON, FILM			
	CSI	Feed And Detent Cam Identification	38-4
	CSI	Feed Failures	38-2
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300.	SM	Feed Gear Adjustment	
229.	APM	Feed Gear — Polyester	
146.	APM	Feed Gear — Two Piece	
375.	CSI	Flaking And/Or Excessive Ribbon Dust	40-4
214.	CSI	Guard — Selective Ribbon	39-6
399.	PNM	Left-Hand Ribbon Lift Guide — Level 1	
275.	CSI	Lift And Tracking Failures — Soft Cams	39-5
141.	APM	Lift Cam Follower Roller — Diameter Increased	
120.	APM	Lift Control Lever Spring — Torsion Spring	
225.	CSI	Lift Control Lever Stud — Loose	39-3
294.	CSI	Lift Control Lever Stud — Wear	39-4
190.	APM	Lift Guides — Redesigned	
269.	CSI	Load Lever Spring — Redesigned	40-1
143.	CSI	Print Quality — Tech III	38-1
304.	CSI	Print Quality — Overinking And/Or Fill-In	40-3
483.	CEM	Ribbon Feed Cam Follower Asm.	
410.	CSI	Ribbon Lift Arm — Stripped Screw	41-1
125.	CSI	Ribbon Lift Failures	39-2
180.	APM	Ribbon Lift Parts — Redesigned	
320.	CSI	Selective Ribbon — Carrier Buffer	7-3
402.	CSI	Selective Ribbon Mech. — Feed Failures Ribbon Wrapping	41-2
299.	CSI	Spread Plate — Redesigned	39-7
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500.	CEM	Automated Selection Adjustment System	
371.	CSI	Balance Arm — Solid — Conversion	45-2
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416.	CEM	Check Pawl, Spring, Stud And Tab Keylever — Redesigned	
	SM	Cycle Clutch Adjustment	
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	CSI	Cycle Clutch — Extra Cycles	44-4
138.	APM	Cycle Clutch Latch Pawl — Adjustment	
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497.	CEM	Cycle Clutch Spring — Defective	
457.	CSI	Cycle Clutch Spring — Redesigned	45-6
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211.	CSI	Cycle Shaft Cams — Loose	44-6
94.	APM	Cycle Shaft Check Pawl — Redesigned	
	CSI	Differential Bracket — Loose	43-11
227.	APM	Differential Bracket — Replaceable Studs	
85.	CSI	Dynamic Half Cycle Tool	
	SM	Fine Timing — Adjustment	
	CSI	Idle Gear, Upper — Backlash Adjustment	45-1
	CSI	Negative 5 — Bail Latch Adjustment	43-12
	CSI	Popping Selector Latches	42-13
446.	CSI	Replacing Broken Selector Latch Links	45-10
445.	CSI	Rotate Bellcrank Stud — Installation	45-9
	SM	Rotate Link Adjustment	
381.	SM	Rotate Selection Adjusting Tool (P/N 9900633)	
	CSI	Rotate Tape Breakage — Bad Pulley	42-2
	CSI	Rotate Tape Breakage — Diagnostic Aid	42-2
	CSI	Rotate Tape Installation	42-4
	SM	Rotate Tape Replacement	
442.	CSI	Rotate Tape Replacement — Homing Changes	45-8
	CSI	Rotate Tape XX5 on XX1, XX3	43-3
117.	CSI	Rotate Tape "T" Lifting Out Of Pulley	43-1
152.	APM	Selector Latch Interposer And Bail — Redesigned	
	CSI	Selector Latch Link — Replacement	45-10
224.	APM	Skirt Clearance — Defective Detent Cam	
	CSI	Tape Installation Pre Gear Tilt	43-2
506.	CEM	Tilt Arm — Redesigned	
	CSI	Tilt Detent Entry — Adjustment	43-8
112.	APM	Tilt Detent Guide Screw — Shortened	
471.	CEM	Tilt Pulley Bushing Breaking	
	CSI	Tilt Pulley (LH) Stud Wear	43-10
	CSI	Tilt Pulley Spring	43-9
	CSI	Tilt Tape Breakage — Machine Check	42-2
	SM	Tilt Tape Replacement	
406.	CSI	Tilt Tapes — Labels Incorrect	45-4
	CSI	Timing Adjustments	43-6
	CSI	Timing Problems	43-7
441.	CSI	Two Piece Rotate Arm — Redesigned	45-7
	CSI	Typehead Homing	43-5
438.	APM	Upper Idle Gear Bushing — Redesigned	
429.	CSI	Weak Cycle Clutch Drive/Contaminated Lubricant	45-5
SHIFT			
	CSI	Backup Roller, Cam — Adjustment Check	46-3
273.	APM	Cam, 8XX — Sintered Iron	
451.	CSI	Carrier Return Unlatching Link — Interference	11-3
235.	CSI	Detent Spring — Plastic Cam	46-6
124.	APM	Detent Stud, Replacement — Stripped Frame	
145.	CSI	Ratchet — Identification	46-5
	CSI	Release Link — Incompatibility	46-2
349.	CSI	Shift Arm Adjusting Screw — Recon Machines	46-7
130.	APM	Shift Arm — One Piece Stamped	
217.	APM	Shift Arm Pulley — Squeaking	
499.	CEM	Shift Arm Pulley Tape Guard	
169.	APM	Shift Arm Roller — "C"-Clip Stud	
252.	CSI	Shift Arm Roller Wear	46-4
363.	APM	Shift Arm — Universal	
167.	APM	Shift Bearing Plate — Backup Roller Eliminated	
	CSI	Shift Bearing Retainer Plate — Level Difference	46-8
	SM	Shift Drive — Adjustment Check	
	CSI	Shift Spring — Adjustment	46-1

497 RELIABILITY

 01-26-83
 (Revised) 10-29-84

TYPE(S): 6705

SUBJECT: CYCLE CLUTCH SPRING— DEFECTIVE

MACHINES AFFECTED:

Between Approx. S/N 5000000 — 5264000

Some machines within the specified S/N range were manufactured with a defective cycle clutch spring (23-404). When experiencing weak cycle clutch drive and normal adjustments are not effective, replace the cycle clutch spring.

PARTS INFORMATION:

MECH/REF	PART NO.	DESCRIPTION
23 404	1141848	Cycle Clutch Spring

Use Service Code 33

This CEM Expires 2-21-84

498 RELIABILITY

 01-26-83
 (Revised 03-09-83)

TYPE(S): 6703, 6704, 6705

SUBJECT: CORRECTION TAPE FEED CAM — DEFECTIVE

MACHINES AFFECTED:

Above Approx. S/N 6703-2034605; 6704-3020397; 6705-4474808

Some machines were manufactured with a defective correction tape feed cam (26, 17-50) which is slightly undersized on the first high point. This condition can be observed by slowly hand cycling the correction mechanism while checking the amount of correction tape feed. The tape should feed one-third before print and two-thirds after print. Machines failing to pull enough tape during the initial feed operation will have random correction failures.

Defective correction feed cams can be replaced without removing the ribbon plate assembly.

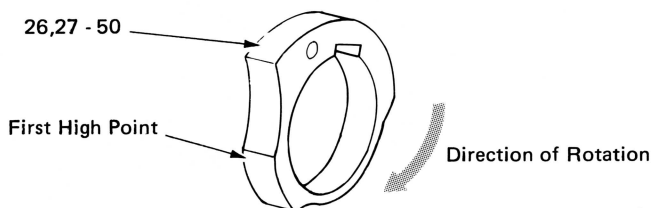


Figure 1

MECH/REF	PART NO.	DESCRIPTION
26, 27 50	1464823	Cam, Tape feed

Use Service Code 33

This CEM Expires 2-21-84

499 SERVICE INFORMATION

 02-09-83
 (Revised) 12-26-84

TYPE(S): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: SHIFT ARM PULLEY TAPE GUARD

To reduce repeated rotate tape replacement caused by the tape becoming disengaged from the shift arm pulley, the Mag Card velocity tape guard (25-34; P/N 1457036) may be installed. Prior to installing the guard, ensure that a machine malfunction is not causing the tape problem. Install the guard as shown in figure 1.

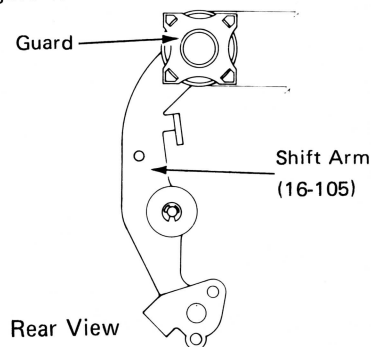


Figure 1

NOTE: Due to a tolerance build-up of the related parts (shift pulley, rotate tape and velocity guard), a binding condition may occur on some machines. Reducing the length of the velocity guard tips by sanding, filing, etc., will reduce the binding condition.

Use Applicable Service Code

500 RELIABILITY

 02-09-83
 (Revised) 10-29-84

TYPE(S): 6126, 6700, 6705

SUBJECT: AUTOMATED SELECTION ADJUSTMENT SYSTEM

MACHINES AFFECTED:

Between Approx. S/N Type 6126: 7010500 - 7053500; 6700: 0019100 - 0021200; 6705: 4635000 - 4665000.

Manufacturing has redesigned the rotate arm screw (23-513) and the tilt arm nut (23-20) for the purpose of using an automated selection adjustment system (Fig 1).

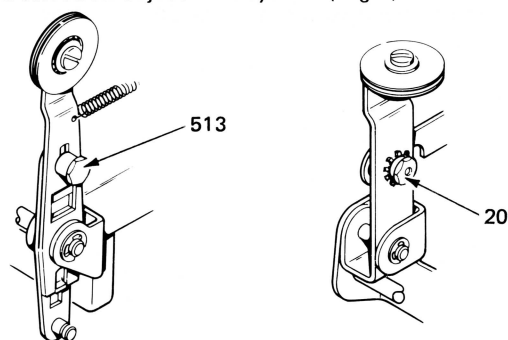


Figure 1

Continued

510 SERVICE INFORMATION

04-30-84

TYPE(S): 6126

SUBJECT: PAPER RELEASE LEVER

Due to a manufacturing and tooling problem, the Tie Rod Paper Release Lever (22-60) P/N 1204282 will be unavailable for approximately 4-6 months. The "A" Frame Paper Release Lever (22-267) P/N 1256715 can be used in place of P/N 1204282. Check adjustment frame 255 and adjust if necessary.

Use Applicable Service Code.

511 SERVICE INFORMATION

08-20-84

TYPE(S): 6705

SUBJECT: NON-LIGHTED MARGIN SCALES

The "Selectric" III typewriter model B01, available to government only, has been modified to include a non-lighted margin scale. Margin lamps, switches and associated hardware have been eliminated, and the "Selectric" II motor (11-40) is used.

PARTS INFORMATION

The 6705 Standard (A01) and Custom (K01) models continue to include lighted margin as a standard feature.

MECH/REF	PART NO.	DESCRIPTION	QTY.
05 145	1254874	Margin scale, D. P. non-lighted	1
171	1338613	Cover, top & center (Topaz Bronze)	1
151	1338617	Cover, top (Topaz Bronze)	1

Use Applicable Service Code.

512 SERVICE INFORMATION

08-20-84

TYPE(S): 6121, 6126

SUBJECT: SPACEBAR LATCH ASSEMBLY

The Spacebar Latch Assembly (17-300) is now assembled with a replaceable latch link for use in the Personal typewriter. Should replacement of the latch link become necessary, a B/M is available which contains the link, a washer and a retaining clip.

PARTS INFORMATION:

The new latch link B/M can be installed on non-rotary back-space machines (7X1; 8X1) without removing the latch assembly.

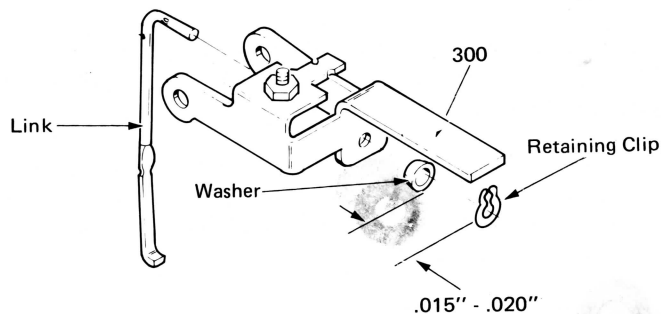


Figure 1

NOTE: Maintain a .015" - .20" clearance between the washer and retaining clip.

MECH/REF	PART NO.	DESCRIPTION	QTY.
17 300	1359885	Latch asm	1
405	1359886	B/M, latch link	1

Use Applicable Service Code.

513 SERVICE INFORMATION

09-17-84

(Revised) 10-15-84

TYPE(S): 6121, 6126, 6700, 6701, 6702, 6703, 6704, 6705

SUBJECT: DETENT ACTUATING LEVER - REDESIGNED

The Detent Actuating Lever (02-524) has been redesigned to provide additional clearance between the actuating lever and the correcting tape Lift Cam Follower Stud (26-49). This was accomplished by moving the Detent Actuating Lever mounting hole to one side (off-center). The new lever, plated with Yellow Chromate, can be installed on any "Selectric" typewriter.

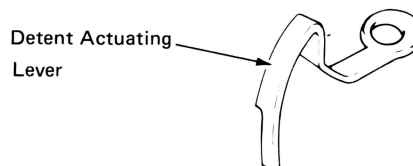


Figure 1

MECH/REF	PART NO.	DESCRIPTION	QTY.
02 524	1359999	Lever	1

Use Applicable Service Code.

TYPE(S): 6126, 6700, 6705

SUBJECT: CORRECTING TAPE FEED INHIBITOR (FTB)

MACHINES AFFECTED:

Between Approx. S/N: Type 6126 (Model 895), 7261180-7271148; (Model 831), 0021490-0061041; Type 6700, 0052902-0054163; Type 6705, 6011236-6086183.

A number of machines were manufactured with a defective Correcting Tape Feed Inhibitor (26-53). Breakage may occur when the lower lug is formed to obtain the .001"-.015" clearance (APM Frame 350).

PARTS INFORMATION

MECH/REF	PART NO.	DESCRIPTION	QTY.
26 53	1290579	Inhibitor	1

NOTE: The Correcting Tape Feed Inhibitor is included in the RPI.

Use Service Code 33

This CEM Expires 11-01-85